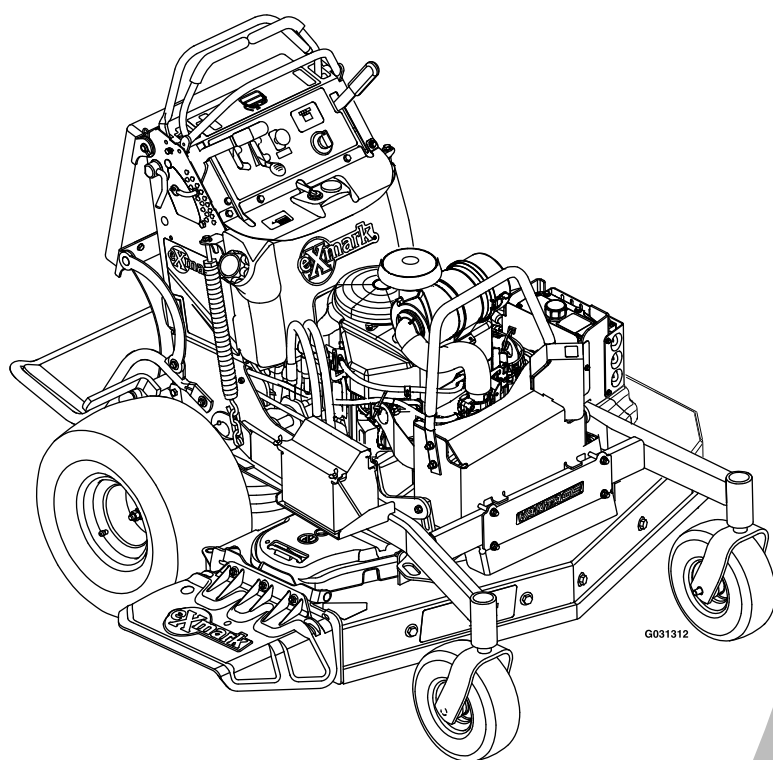




VANTAGE® S-SERIES

Model No. VTS691CKA52400—Serial No. 402082300 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.

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).

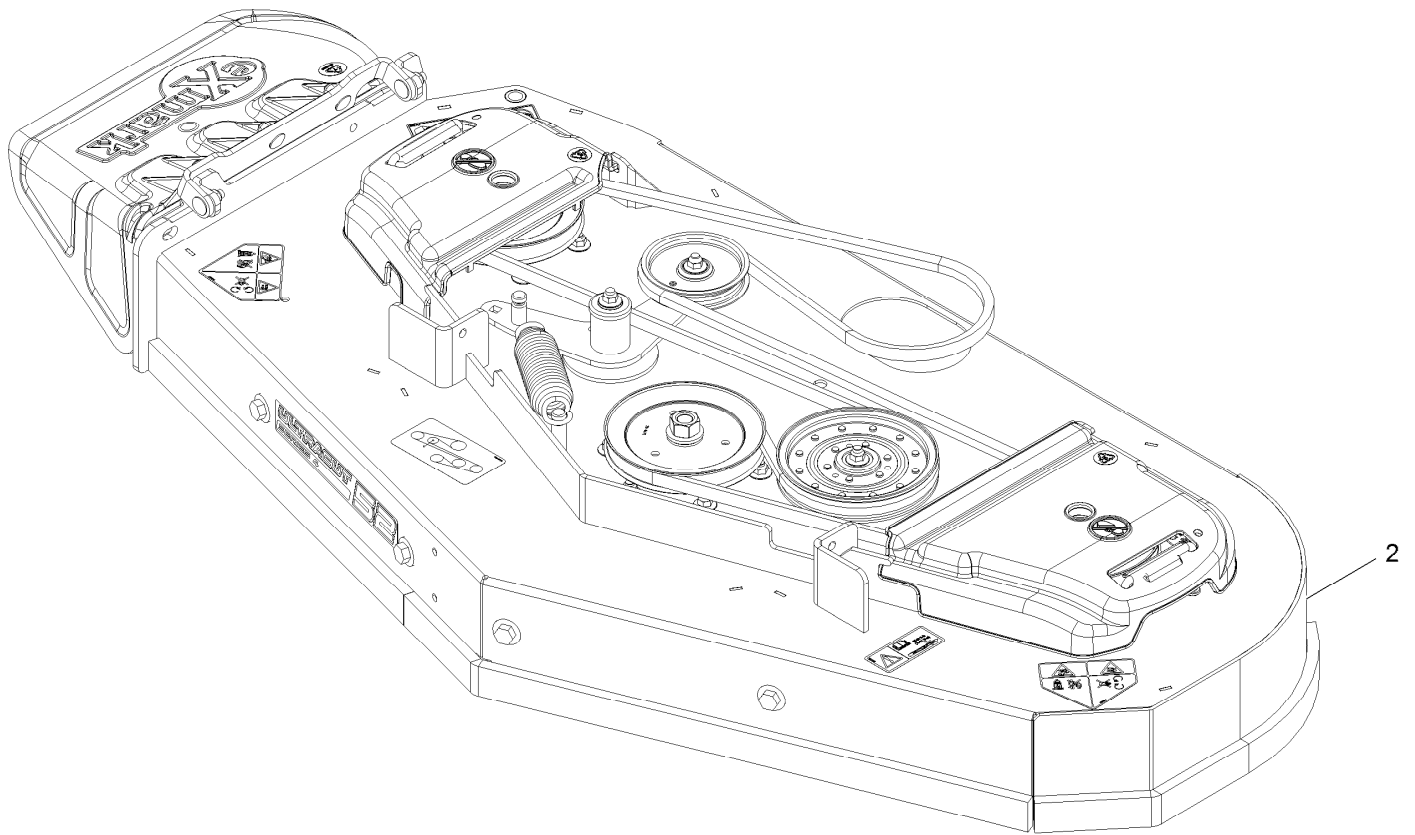


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

Contents

Complete Deck Assembly.....	4
Deck Assembly.....	6
Deck W/Decals Assembly No. 116-4001	8
Idler Arm Assembly No. 116-3806.....	10
Main Frame Assembly.....	12
Control Tower Assembly.....	14
Wheel and Bearing Assembly No. 112-3810.....	16
Park Brake Assembly	18
Deck Lift Assembly.....	20
Platform Group	22
Cushion Assembly No. 126-1210	24
Platform Assembly No. 116-1804	26
Control Assembly.....	28
Ground Drive Assembly	30
Pump Idler Assembly No. 116-9980	32
LH Tracking Control Linkage Assembly No. 116-4936.....	34
RH Tracking Control Linkage Assembly No. 116-4937	36
Engine Assembly	38
Fuel Assembly	40
Fuel Tank Assembly.....	42
Electrical Assembly	44
Deck Lift Assembly.....	46

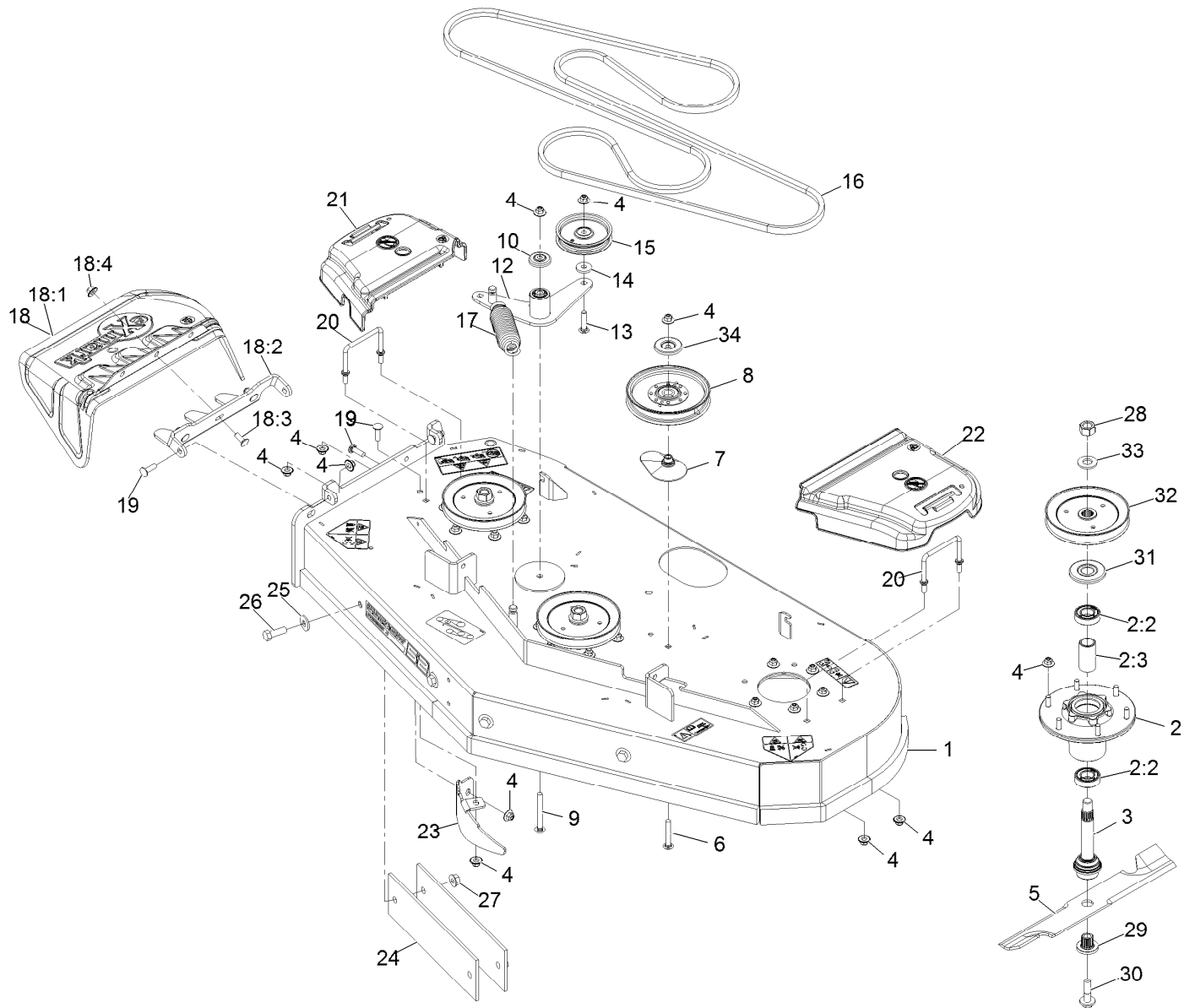
Complete Deck Assembly



Complete Deck Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	116-5012	1	ASM-Deck Complete 524

Deck Assembly



Deck Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-4001	1	Deck ASM-524	17	116-6317	1	Spring-Extension
2	116-3344	3	ASM-Cutter Hsg With Bearings	18	109-7188	1	ASM,Discharge Chute
2:2	116-0720	2	Bearing-Ball	18:1	109-2738	1	Chute, Discharge
2:3	116-3312	1	Spacer-Bearing	18:2	109-8675-01	1	Bracket,Discharge Chute
3	116-3341	3	ASM-Spindle And Seal □	18:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
4	109-6658	29	Nut-Nyloc 3/8-16 Flg	18:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
5	103-6392	3	Blade, Mulching ♦	19	3231-28	4	Bolt-Carriage 3/8-16 X 1 1/4
5	103-6382	3	Blade, Solid ●	20	109-6982	2	Wireform-Cover
5	116-5175	3	Blade-Extreme 2, 18.00" ●	21	109-6935	1	Cover-Belt, RH
5	103-6402	3	Blade-Notched	22	109-6936	1	Cover-Belt, LH
5	103-6387	3	Blade, Low Lift ●	23	116-5814-01	1	Baffle-Dogleg, Lz-Vt52
6	3231-44	1	Screw-CARR	24	116-1822-01	4	Bar,Weight
7	109-2872	1	Spacer-Pulley	25	1-513435	4	Washer-Spring Disc 1/2
8	126-7685	1	Idler-Pulley	26	325-6	4	Screw-HH 1/2-13 X 1 1/2
9	3231-11	1	Bolt-Carriage 3/8-16 X 3 1/2	27	32128-49	4	Nut-Whizlock 1/2-13
10	103-2916	1	Guard-Top	28	116-7306	3	Nut-Hex ▲
12	116-3806	1	Idler Arm ASM W/Bearings	29	103-3037	3	Bushing, Splined
13	116-3381	1	Bolt-Carriage 3/8-16 X 1 3/4	30	109-9220	3	Screw-Sems 1/2-20 X 2.19 ■
14	1-373034	1	Washer	31	116-1286	3	Guard,Bearing Top .989
15	93-1622	1	Pulley-Idler	32	116-0675	3	Sheave,Blade Drive 6.50 □
16	116-3111	1	Belt-V	33	103-2802	3	Washer-Spring Disc 3/4
				34	126-8043	1	Shield-Dust

● Optional Equipment

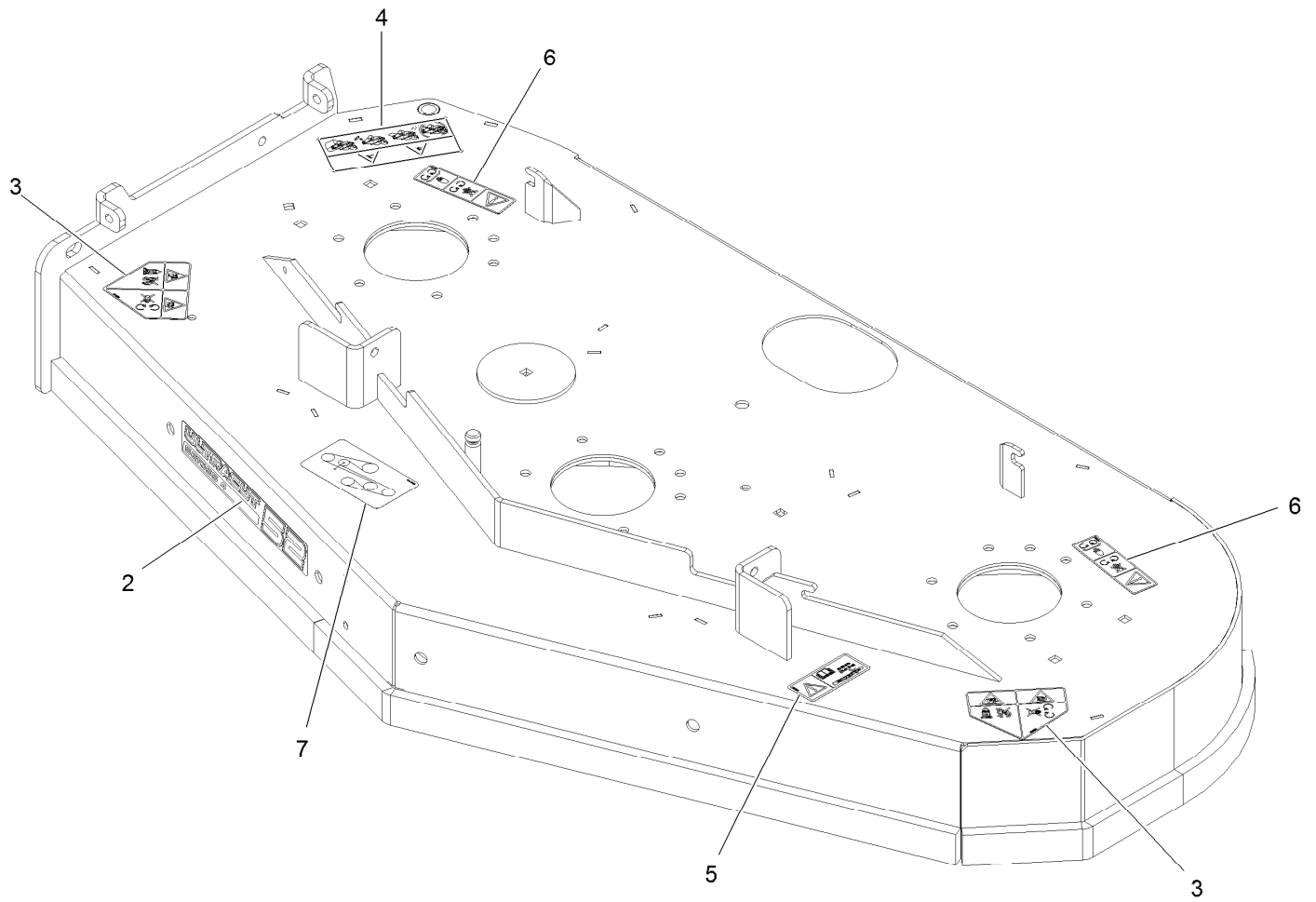
■ Torque to 50-60 ft-lb

▲ Torque to 130-160 ft-lb

♦ 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

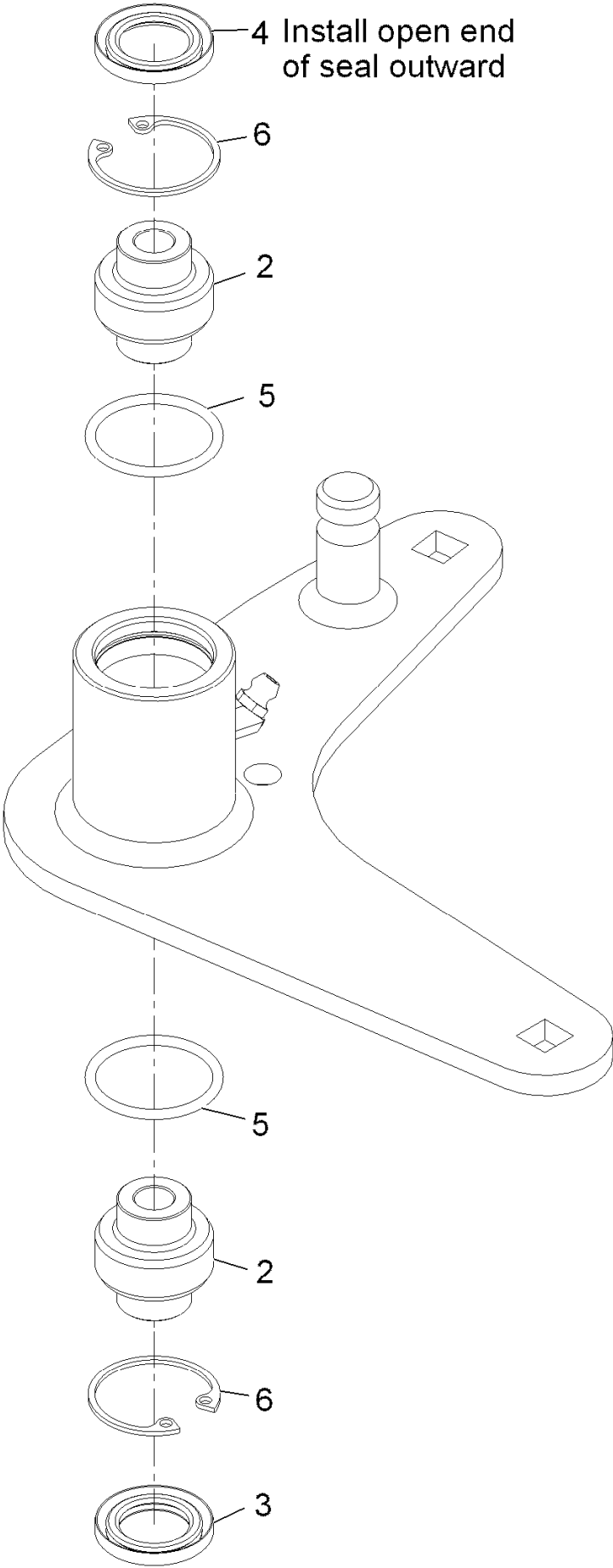


Deck W/Decals Assembly No. 116-4001 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	126-6588	1	Decal, 524
3	112-8760	2	Decal-Danger
4	114-3489	1	Decal-Warning, Bagger

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

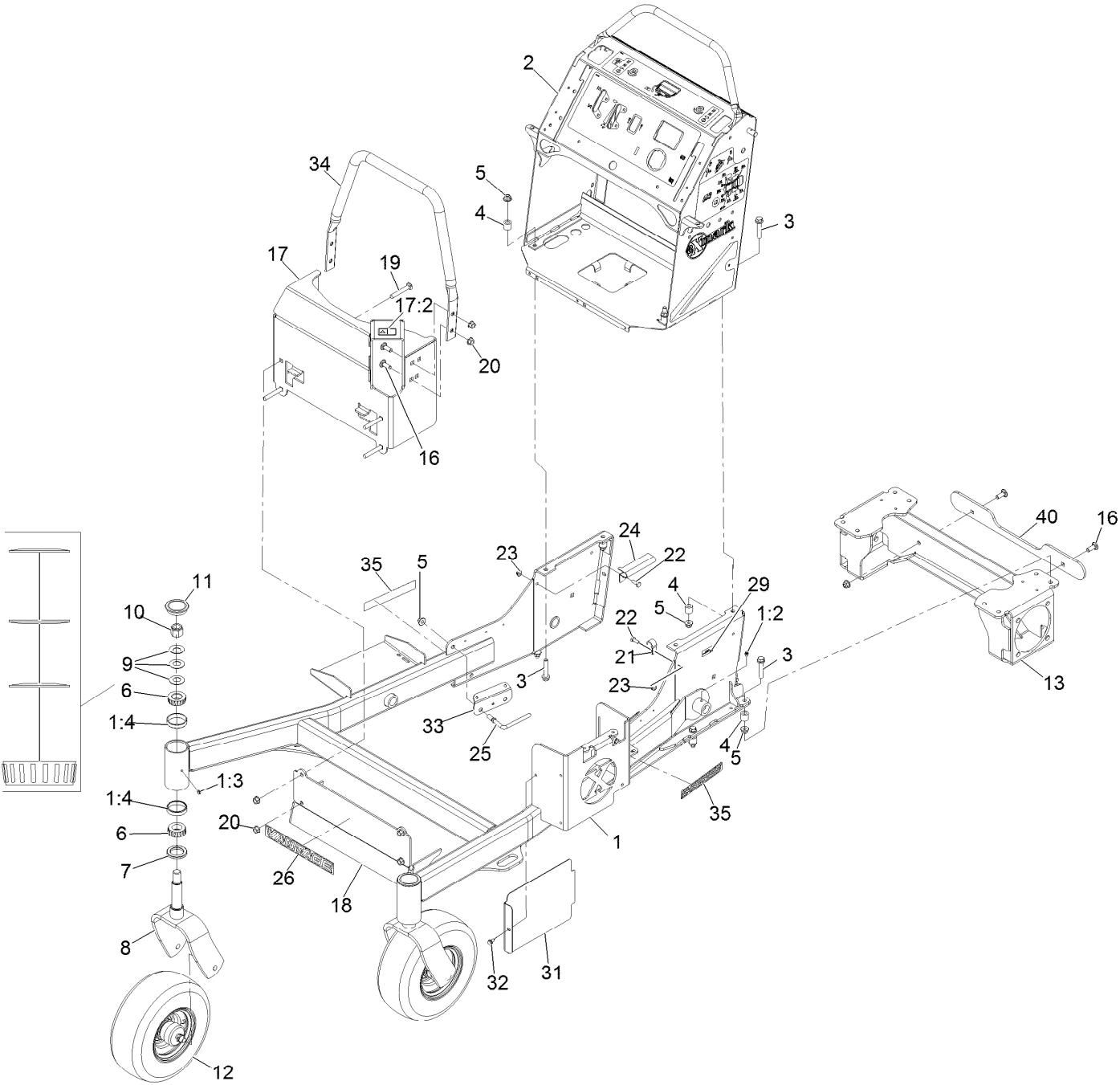


Idler Arm Assembly No. 116-3806 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	103-3504	2	Bearing-Spherical
3	103-3505	1	Seal-Lip, Double
4	103-3506	1	Seal-Single Lip

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	106-7159	2	O-Ring
6	32120-10	2	Ring-Retaining

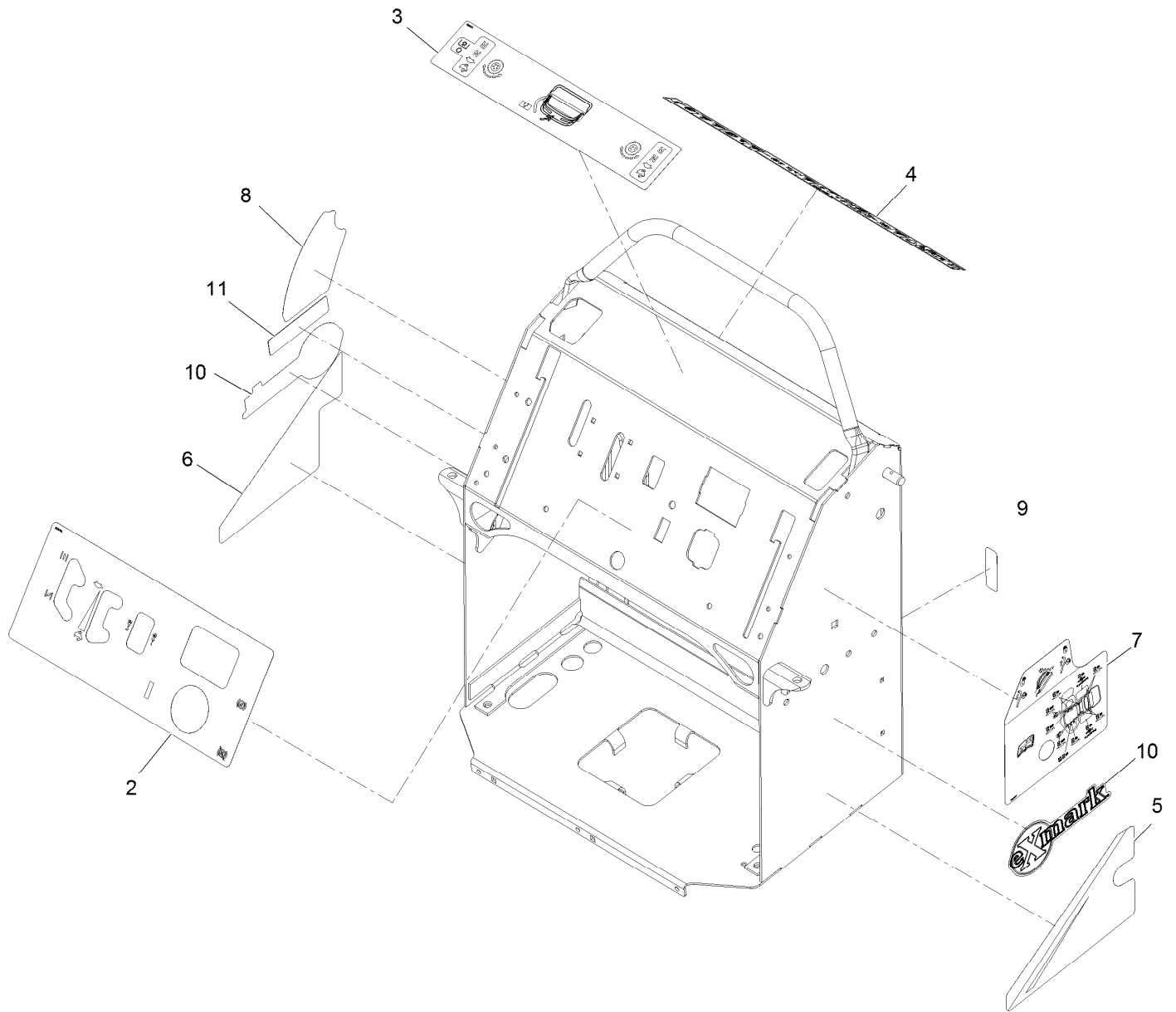
Main Frame Assembly



Main Frame Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-7045	1	Front Frame ASM	17:2	106-5517	1	Decal-Warning
1:2	302-5	4	Zerk 1/4-28 Str Thrd Forming	18	116-3113-01	1	Panel-Guard
1:3	1-811010	2	Plug	19	3231-31	4	Bolt-Carriage 3/8-16 X 2 1/2
1:4	1-543508	4	Cup-Bearing Tapered Roller	20	32128-21	8	Nut-3/8-16 Flanged Side Lock
2	135-0159	1	Control Tower ASM	21	2412-87	1	Clamp-Cable
3	108-3742	8	Screw-HHF	22	321-4	2	Screw-HH 1/4-20 X 3/4
4	121-1760	8	Spacer	23	104-7201	2	Nut-Nyloc 1/4-20 Flg
5	104-8301	12	Nut-HF, NI	24	116-5067	1	Bracket-Hose, Fuel (Double)
6	1-543509	4	Bearing-Roller, Tapered	25	116-3382	2	Guide-Hose, Support
7	116-5647	2	Seal-Grease	26	126-7200	1	Decal-Vantage Logo
8	121-7988-01	2	Fork-Caster	29	126-4345	1	Decal-Patent
9	1-633508	6	Washer-Bellville	31	116-6981-01	1	Shield-Heat, Tall
10	3296-51	2	Nut-Lock, NI	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	126-6572	2	Decal-S-Series
16	3231-22	6	Screw-CARR	40	126-1364-03	1	Plate, Bumper Spacer
17	126-5015	1	ASM, Muffler Guard W/ Decal				

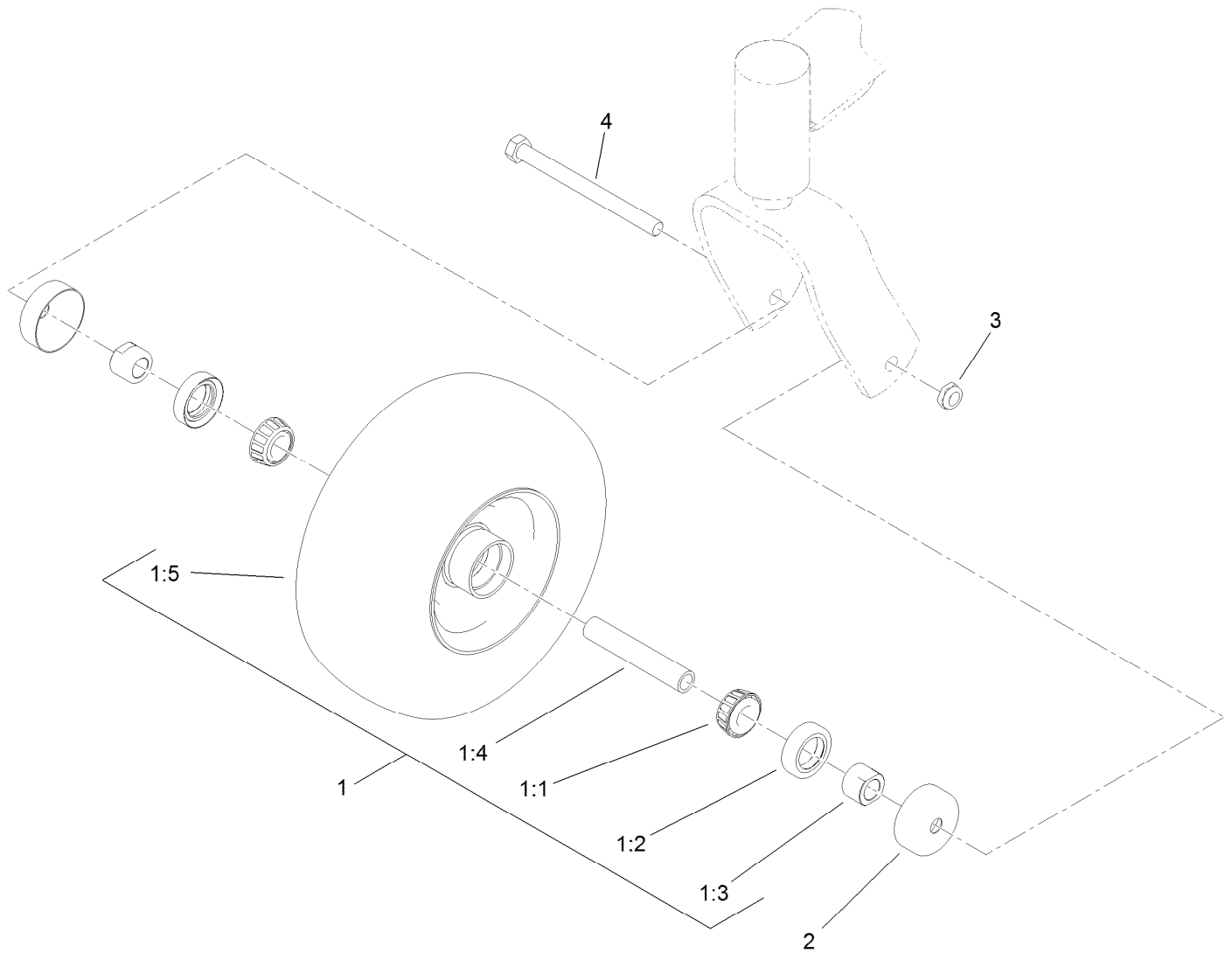
Control Tower Assembly



Control Tower Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	116-8779	1	Decal-Control Panel	7	116-8777	1	Decal-Service Aid
3	116-8781	1	Decal-Motion Control	8	116-2040	1	Decal-Height Of Cut
4	135-2832	1	Decal-Warning	9	116-8772	1	Decal-Fuse
5	126-7202	1	Decal-LH Panel	10	126-6971	2	Decal-Exmark Logo
6	126-7203	1	Decal-RH Panel	11	117-2718	1	Decal-Arrester, Spark

Wheel and Bearing Assembly No. 112-3810



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

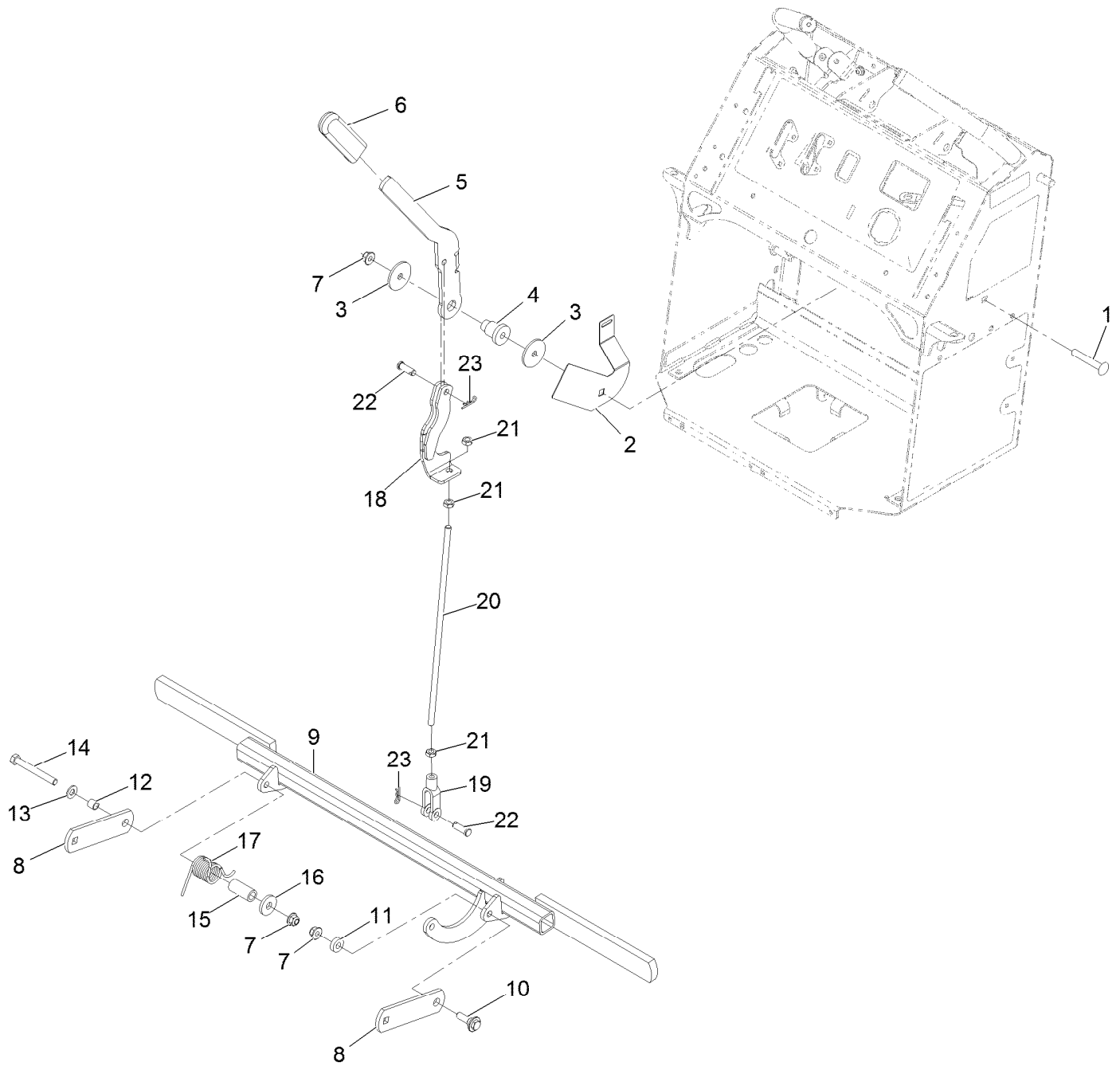
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Wheel And Bearing ASM ●
1:1	1-633585	2	Bearing-Cone Tapered Roller
1:2	103-0063	2	Seal-Double Lip
1:3	103-3051	1	Spacer-Nut ■

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:4	126-5359	1	Caster Axle ASM
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 spacer nut

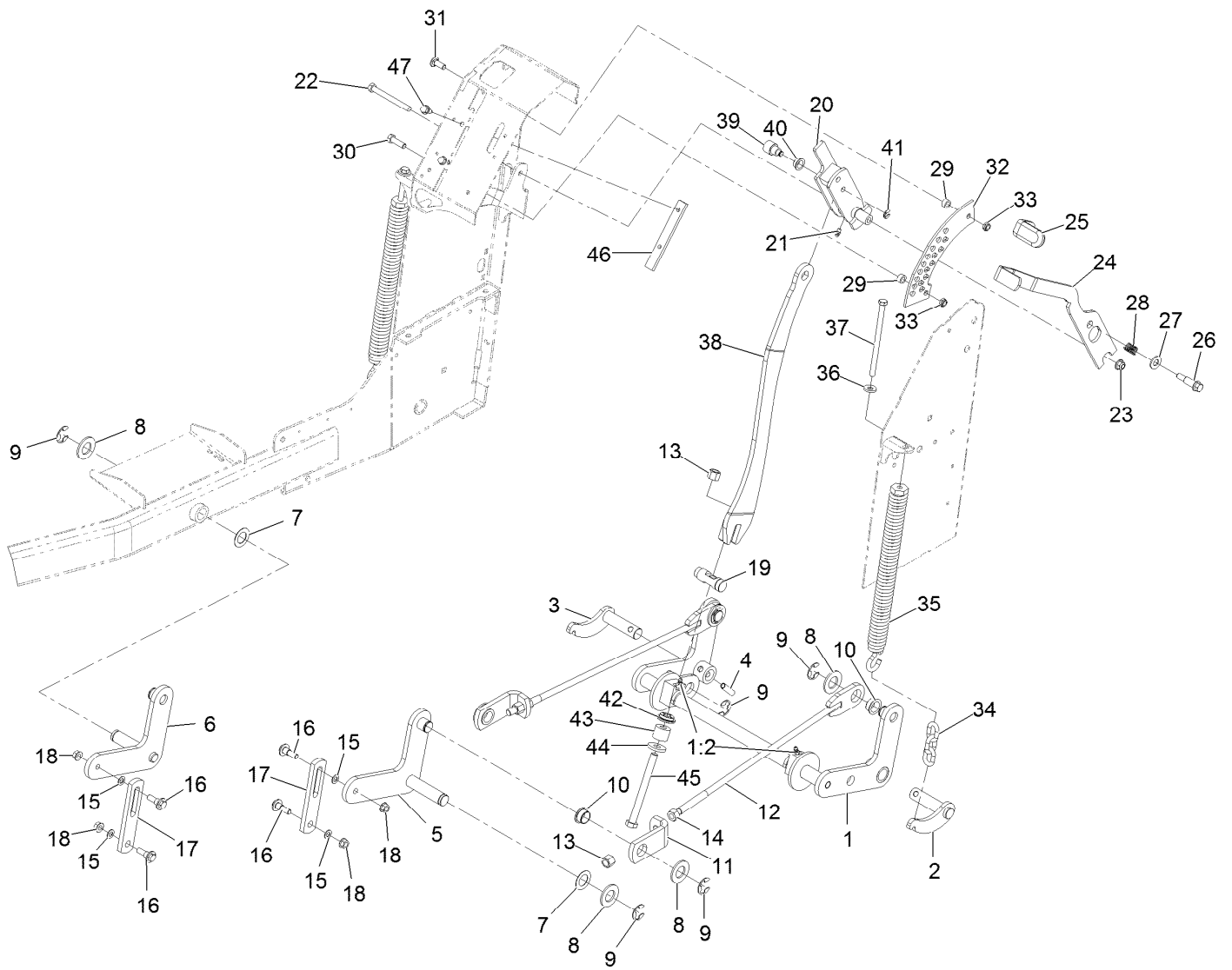
Park Brake Assembly



Park Brake Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3231-44	1	Bolt-Carriage 3/8-16 X 2 1/2	12	117-9684	1	Spacer
2	117-0452-03	1	Plate-Switch, Brake	13	3256-24	1	Washer-3/8 SAE
3	63-7400	2	Washer-Rebound	14	323-20	1	Screw-HH 3/8-16 X 3-1/4
4	106-3214	1	Mount-Pulley	15	117-9683	1	Spacer
5	117-5759-03	1	Lever-Brake	16	117-9682	1	Spring-Torsion
6	1-633268	1	Grip-Lever	17	1-373034	1	Washer
7	104-8301	3	Nut-Nyloc 3/8-16 Flg	18	119-8780-03	1	Arm-Brake
8	114-5186-01	2	Support-Brake	19	1-633131	1	Yoke-Linkage, Brake
9	119-8730-03	1	Bar-Brake	20	119-7244	1	Rod-Brake
10	614672	1	Screw-Shoulder 3/8-16 X 1.295	21	3220-3	3	Nut-Jam 3/8-24
11	5-0652	1	Spacer	22	283-2	2	Pin-Clevis 3/8 X 1 1/6
				23	3290-307	2	Pin-Cotter

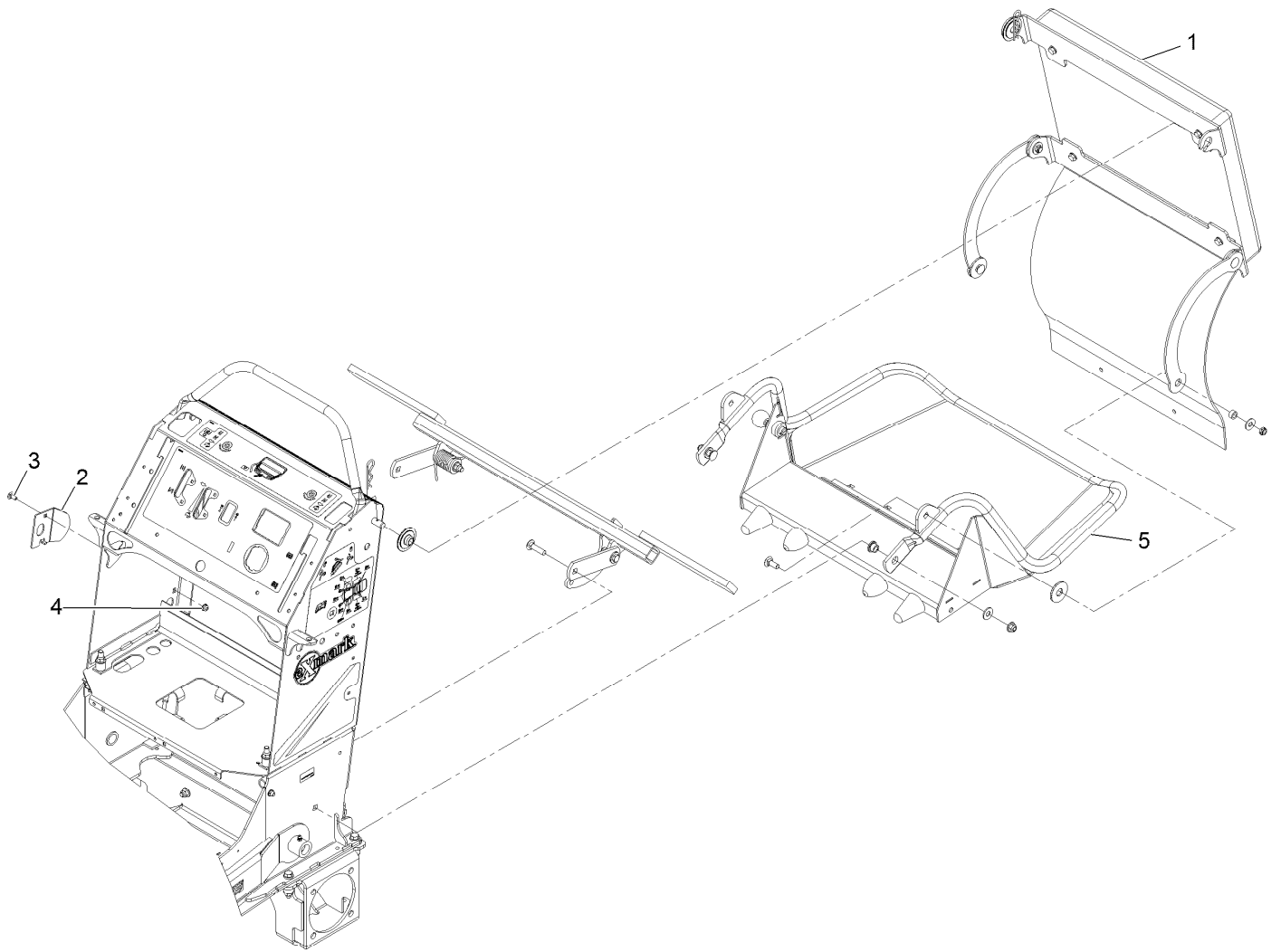
Deck Lift Assembly



Deck Lift Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-3103	1	Rear Crossshaft ASM	24	114-1878-03	1	Lever-HOC
1:2	302-11	2	Zerk-45° 1/4-28	25	1-633268	1	Grip-Lever
2	116-3104-01	1	Shaft-Pivot, LH	26	66-0561	1	Screw-Shoulder
3	116-3105-01	1	Shaft-Pivot, RH	27	3256-26	1	Washer-1/2 SAE
4	116-3107	2	Pin-Spiral	28	65-9940	1	Spring
5	121-5993-01	1	Arm-Lift, LH	29	111044	2	Bushing
6	121-5994-01	1	Arm-Lift, RH	30	323-7	1	Screw-HH 3/8-16 X 1 1/4
7	110-6767	2	Washer-Thrust	31	3231-22	1	Bolt-Carriage 3/8-16 X 1
8	3256-29	6	Washer-7/8 SAE	32	114-5307	1	Bracket-HOC
9	32151-103	7	E-Ring	33	3296-59	2	Nut-Nyloc 3/8-16 Thin
10	116-2909	4	Bearing-Flange	34	103-9859	2	Chain-Decklift
11	116-2901	2	Bracket-Lift Rod	35	116-0886	2	Spring-Extension
12	116-8676	2	Lift Rod ASM	36	98-5975	2	Washer-Spring Disc 3/8
13	3296-23	3	Nut-Nyloc 1/2-13	37	323-58	2	Bolt-HH 3/8-16 X 6 Tap
14	3217-9	2	Nut-Hex 1/2-13	38	116-2939	1	Bar-Lift
15	40-1940	4	Washer	39	116-3048	1	Hub-Pivot
16	109-9840	4	Screw-Hex Flange 3/8-16 X .80	40	116-3047	1	Bearing-Flange
17	117-0519	2	Link-Lift	41	32151-47	1	Ring-Retaining
18	32128-21	4	Nut-3/8-16 Flanged Side Lock	42	116-3625	1	Seat-Spring
19	114-5274	1	Pin-HOC	43	116-3241	1	Spring-Urethane
20	114-3512	1	HOC Handle ASM	44	92-2651	1	Washer
21	302-5	1	Zerk 1/4-28 Str Thrd Forming	45	325-22	1	Screw-HH 1/2-13 X 5 1/2
22	323-42	1	Screw-HH 3/8-16 X 3 3/4	46	116-3124	1	Skid-Handle, Lift
23	104-8301	1	Nut-Nyloc 3/8-16 Flg	47	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf

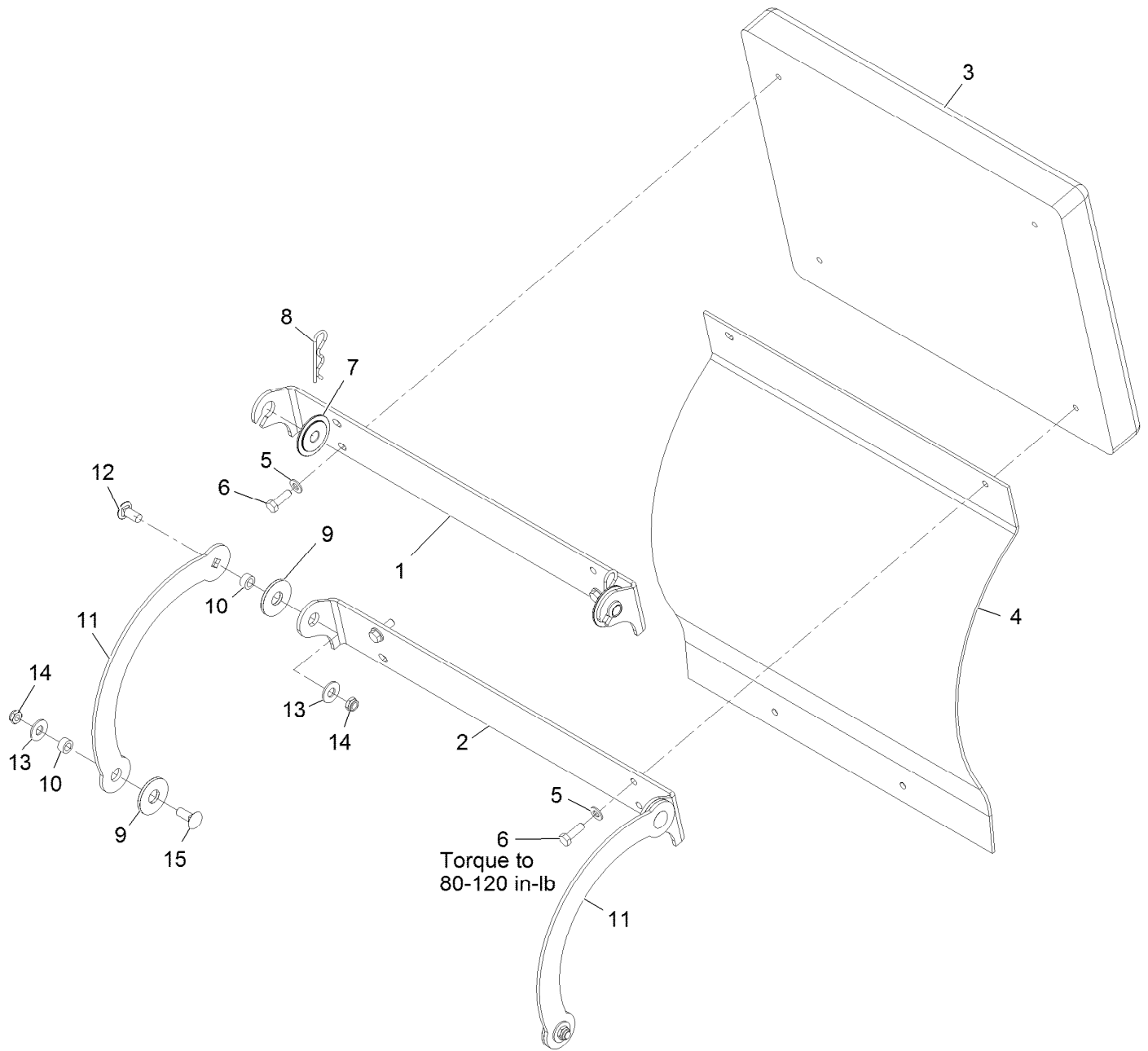
Platform Group



Platform Group (continued)

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

Cushion Assembly No. 126-1210

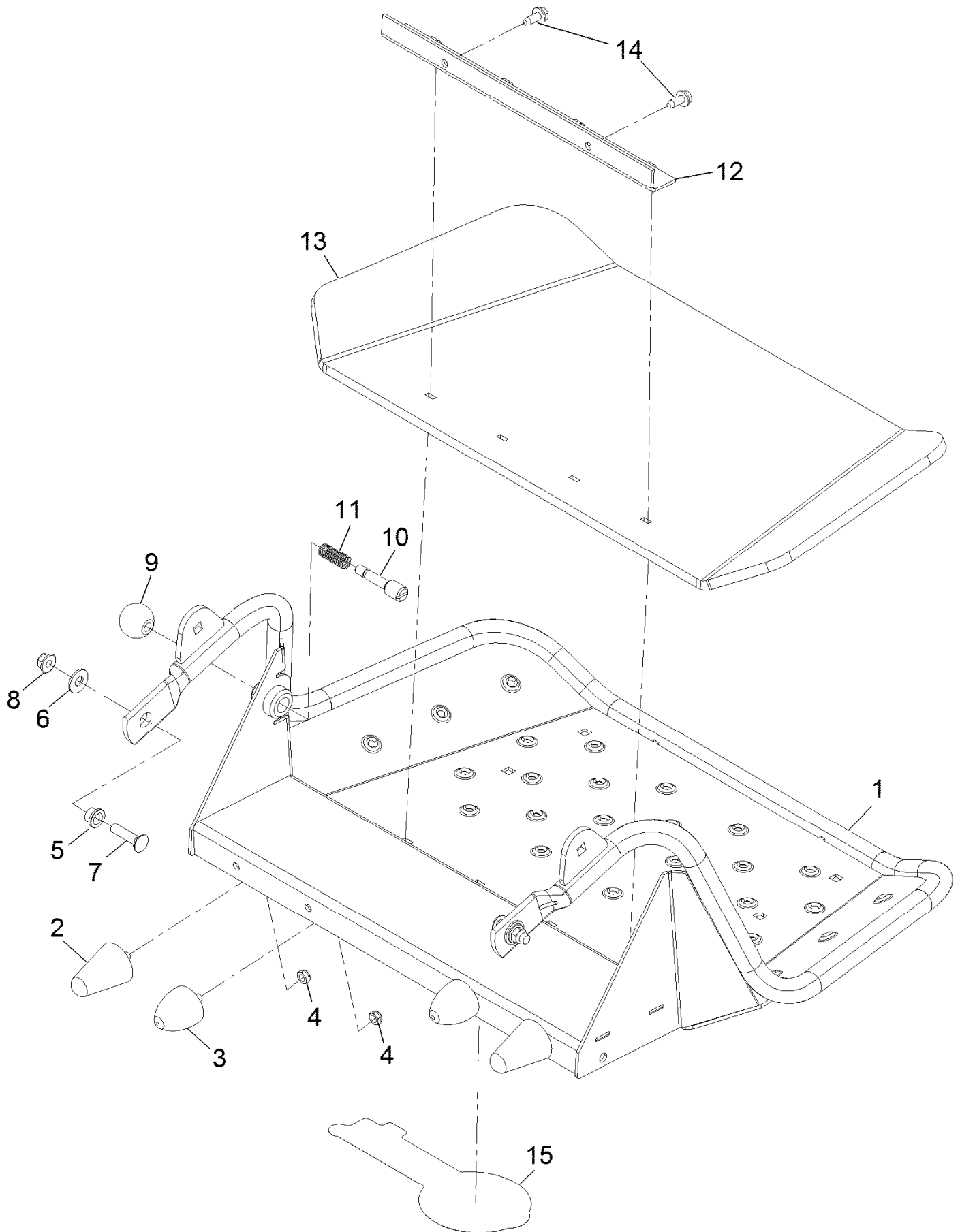


Cushion Assembly No. 126-1210 (continued)

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

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

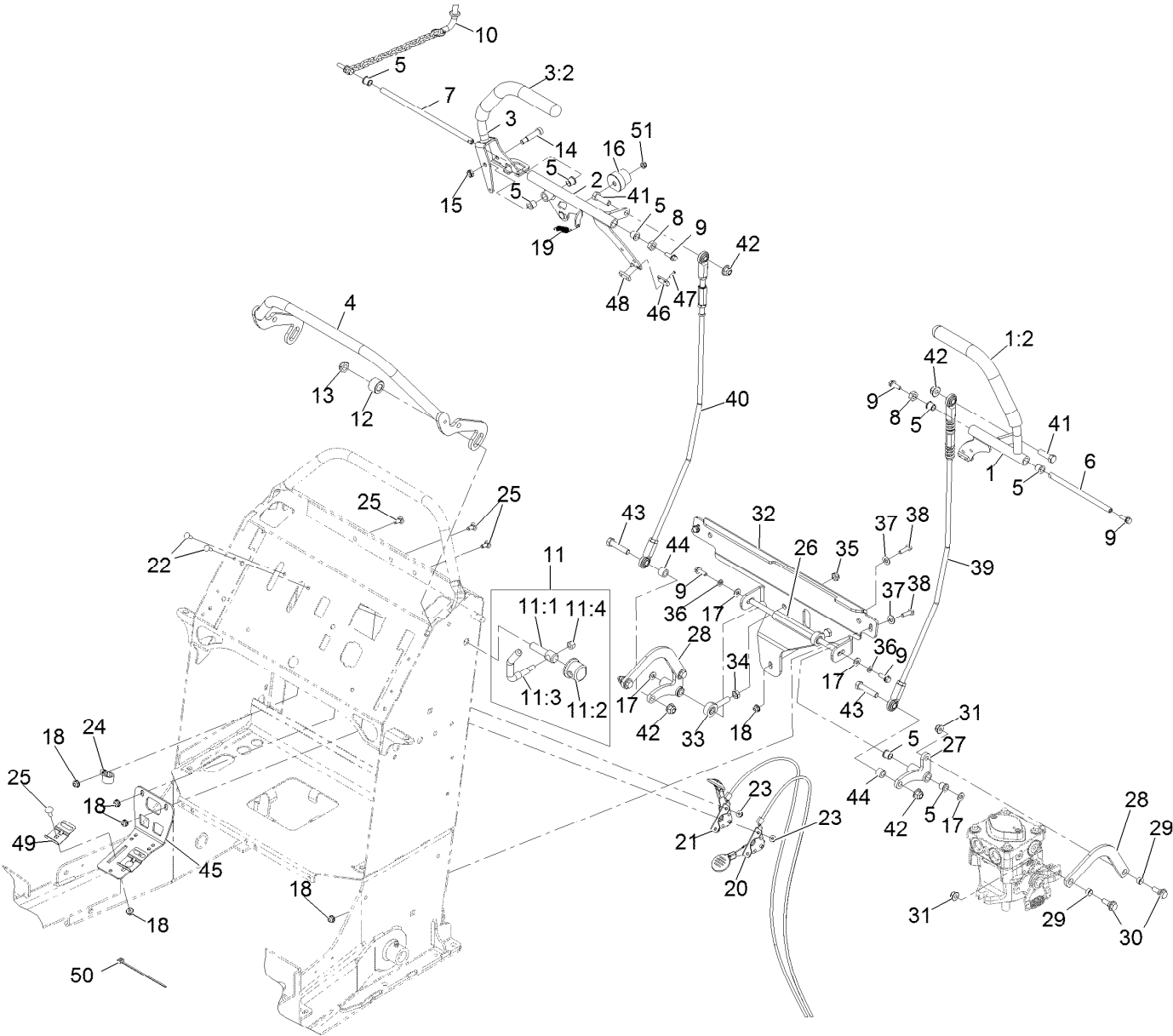


Platform Assembly No. 116-1804 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-9641-03	1	Platform ASM	9	1-603175	1	Knob-Ball
2	114-1925	2	Bumper-Rubber	10	119-8650	1	Pin-Latch ●
3	114-1926	2	Bumper-Rubber	11	114-5348	1	Spring
4	3296-47	4	Nut-Nyloc 5/16-18 Thin	12	114-1920-03	1	Clamp-Shield
5	109-8788	2	Bushing-Flanged	13	126-7157	1	Mat-Platform
6	3256-4	2	Washer-3/8 Std	14	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf
7	3231-4	2	Bolt-Carriage 3/8-16 X 1 1/2	15	126-6991	1	Decal-Exmark Logo
8	104-8301	2	Nut-Nyloc 3/8-16 Flg				

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

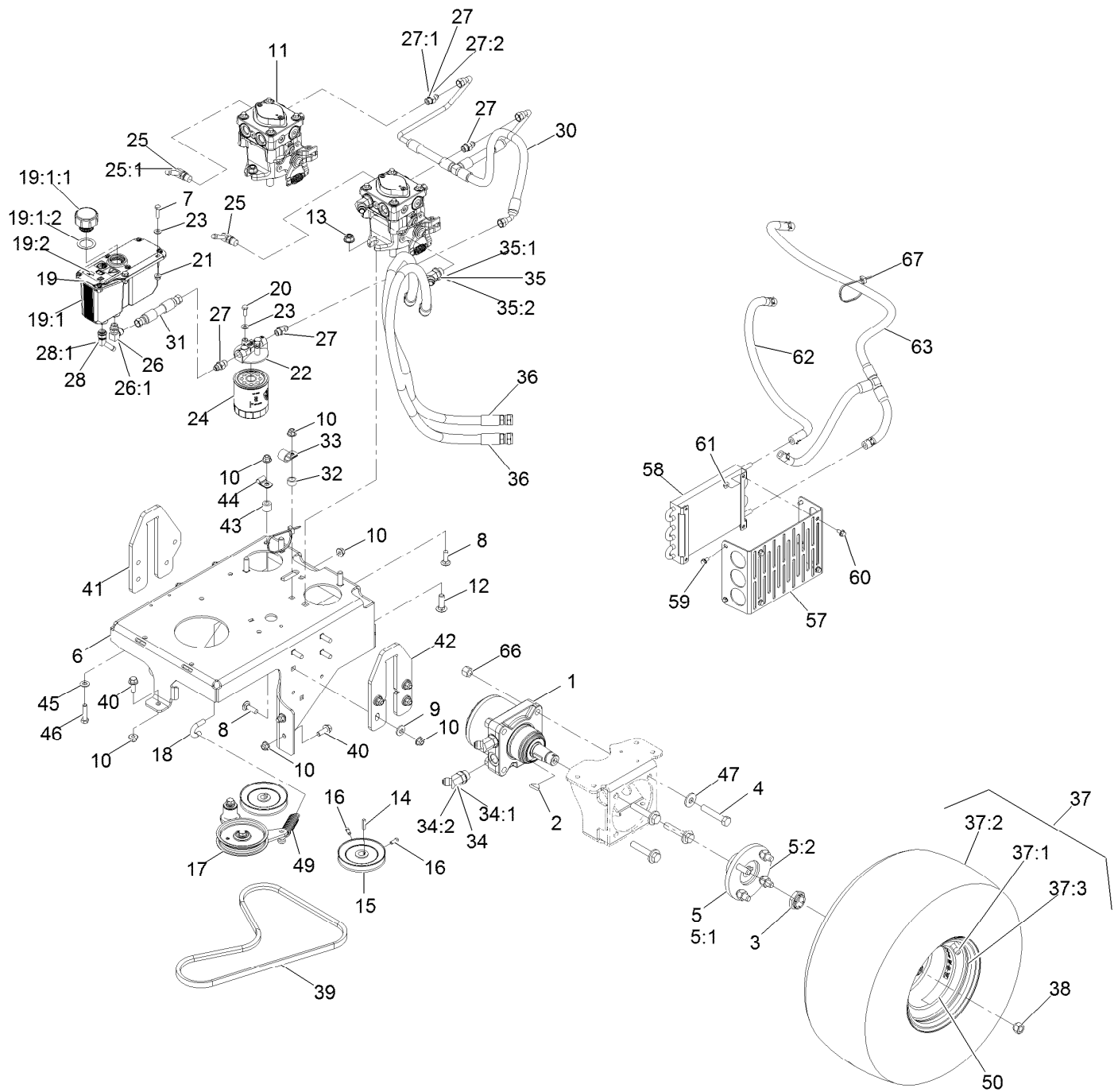
Control Assembly



Control Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-4970	1	Lever ASM, LH	24	2412-87	1	Clamp-Cable
1:2	116-2357	1	Grip-Handle, Control	25	3229-11	5	Bolt-Carriage 1/4-20 X 5/8
2	116-9817-03	1	Weld, Motion Control	26	116-3119	1	Shaft-Bellcrank Pivot
3	116-9815	1	ASM, Lever W/ Grip, Rt	27	116-4975	2	Bellcrank-Control, Motion
3:2	116-2357	1	Grip-Handle, Control	28	116-4973	2	Link-Bellcrank, Pump
4	116-6985-03	1	Tube ASM, Front Speed Control [	29	116-4976	4	Bushing-Sleeve
5	103-9928	10	Bearing	30	116-2670	4	Screw-Shoulder HHF 5/16-18 X .96
6	116-4978	1	Shaft-Pivot, Motion Control	31	104-8300	4	Nut-Nyloc 5/16-18 Flg
7	116-4979	1	Shaft-Pivot, Motion Control	32	116-3202-03	1	Bracket-Bellcrank
8	116-4198	2	Spacer-Shaft, Drive Lever	33	1-613204	2	Balljoint
9	117-8304	5	Screw-Hex Flange 1/4-20 X 3/4	34	3220-3	2	Nut-Jam 3/8-24
10	114-0409	1	HOC Pin ASM	35	3296-5	2	Nut-Nyloc 3/8-24 Thin
11	107-1664	2	Lever ASM	36	3253-3	2	Washer-Lock 1/4
11:1	106-3239	1	Screw-Lock	37	3256-23	3	Washer-5/16 SAE
11:2	107-1644	1	Cap-Lock	38	321-5	3	Screw-HH 1/4-20 X 7/8
11:3	106-3241	1	Lever-Lock	39	116-4936	1	Linkage-Tracking Control, LH
11:4	3296-29	1	Nut-Nyloc 5/16-18	40	116-4937	1	Linkage-Tracking Control, RH
12	116-2319	2	Spacer-Clamp	41	323-7	2	Screw-HH 3/8-16 X 1 1/4
13	3296-45	2	Nut-Nyloc 1/2-13 Thin	42	104-8301	4	Nut-Nyloc 3/8-16 Flg
14	114-0239	1	Screw-Shoulder 5/16-18 X 1/2	43	323-9	2	Screw-HH 3/8-16 X 1 3/4
15	3296-47	1	Nut-Nyloc 5/16-18 Thin	44	52-2480	2	Spacer-Wheel
16	126-1499	1	Cam	45	116-4572	1	Bracket, Reed Switch
17	3256-22	4	Washer-1/4 SAE	46	116-2832	2	Actuator-Switch, Reed
18	104-7201	8	Nut-Nyloc 1/4-20 Flg	47	116-3330	4	Screw-HH #4-40 X 1/2 W/Nylon
19	114-0249	1	Spring-Extension	48	116-3227	2	Plate-Tapped
20	116-4276	1	Control-Throttle	49	116-4573	2	Clamp, Reed Switch
21	116-4277	1	Control-Choke	50	3290-378	1	Tie-Cable
22	1-807533	4	Bolt-Carriage #10-24 X 5/8	51	3296-56	1	Nut-Lock, NI
23	32128-17	4	Nut-Flange #10-24 Top Lock				

Ground Drive Assembly



Ground Drive Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	126-0524	2	Motor-Wheel	28:1	237-42	1	O-Ring
2	3257-8	2	Key-Woodruff	30	116-2650	1	Hose Assembly - Charge
3	116-1399	2	Locknut	31	116-2604	1	HYD Hose ASM
4	325-11	8	Screw-HH 1/2-13 X 2 3/4	32	1-653069	1	Spacer-Wheel
5	18-3209	2	Wheel Hub / Stud ASM	33	1-633396	1	Clip-Loom 5/8
5:1	10-6870-03	1	Hub-Wheel	34	1-523222	4	Fitting-HYD, 45 DEG
5:2	10-6830	4	Stud-Type, Drive	34:1	1-603919	1	O-Ring-SAE #10
6	116-8525-01	1	Base, Engine [red]	34:2	1-603992	1	O-Ring-37 Flare #8
7	321-6	2	Screw-HH 1/4-20 X 1	35	1-523221	4	Fitting-HYD, 45 DEG
8	3231-25	9	Bolt-Carriage 3/8-16 X 1 1/4	35:1	1-603920	1	O-Ring-SAE #8
9	98-5975	8	Washer-Spring Disc 3/8	35:2	1-603992	1	O-Ring-37 Flare #8
10	104-8301	16	Nut-Nyloc 3/8-16 Flg	36	116-6902	4	HYD Hose ASM
11	116-2572	2	Pump - Hydraulic	37	120-6465	2	Wheel/Tire ASM
12	3232-3	4	Bolt-Carriage 7/16-14 X 1 1/2	37:1	116-4605	1	Rim-8 Inch
				37:2	120-6466	1	Tire
13	114-8417	4	Nut-HF, NI	37:3	232-27	1	Stem-Valve
14	1-807272	2	Key-5Mm X 5Mm X 25Mm	38	242-50	8	Nut-Lug 1/2-20
15	105-5648	2	Pulley-Pump ■	39	114567	1	Belt-V
16	3241-5	4	Setscrew-SQH 1/4-20 X 5/8 ◆	40	3234-42	5	Screw HHF 3/8-16 X 1
				41	116-4922	1	Plate-Lift, RH
17	116-9980	1	Pump Idler ASM	42	116-3546	1	Plate, Lift LH
18	116-8526	1	Anchor, Spring	43	121-1760	1	Spacer
19	116-2066	1	Reservoir ASM ▲	44	116-3362	1	Clip-Tube
19:1		1	Reservoir-HYD ●	45	3256-24	1	Washer-3/8 SAE
19:1:1	103-1948	1	Cap-Reservoir, HYD	46	323-8	1	Screw-HH 3/8-16 X 1 1/2
19:1:2	103-1949	1	Gasket-Cap	47	1-513435	8	Washer-Spring Disc 1/2
19:2	115-4212	1	Decal-Warning	49	1-653331	1	Spring-Idler
20	321-4	2	Screw-HH 1/4-20 X 3/4	50	126-2055	2	Decal-Torque, Wheel Hub Lug
21	32128-32	2	Nut-Hex 1/4-20 Side Lock				
22	104-7836	1	Filter-Head	57	116-7497-01	1	Bracket, Cooler Mounting
23	3256-22	4	Washer-1/4 SAE	58	116-7274	1	Cooler-Oil
24	109-4180	1	Element, Oil Filter	59	32144-4	4	Screw-HWH 1/4-20 X 1/2 Taptite
25	100-4887	2	Fitting-Elbow, 90				
25:1	237-42	1	O-Ring	60	3234-13	4	Screw-HHF
26	103-1802	1	Fitting-Elbow, 90 DEG	61	32149-2	4	Nut-Keps
26:1	237-42	1	O-Ring	62	116-7338	1	Hose-Hydraulic
27	103-2156	4	Adapter-Straight	63	116-7613	1	Hose ASM-HYD LP 3/8
27:1	1-603921	1	O-Ring-SAE #6	66	3296-23	8	Nut-Nyloc 1/2-13
27:2	103-1020	1	O-Ring-37 Flare #6	67	3290-378	1	Tie-Cable
28	103-1807	1	Fitting-Barbed, 45 DEG				

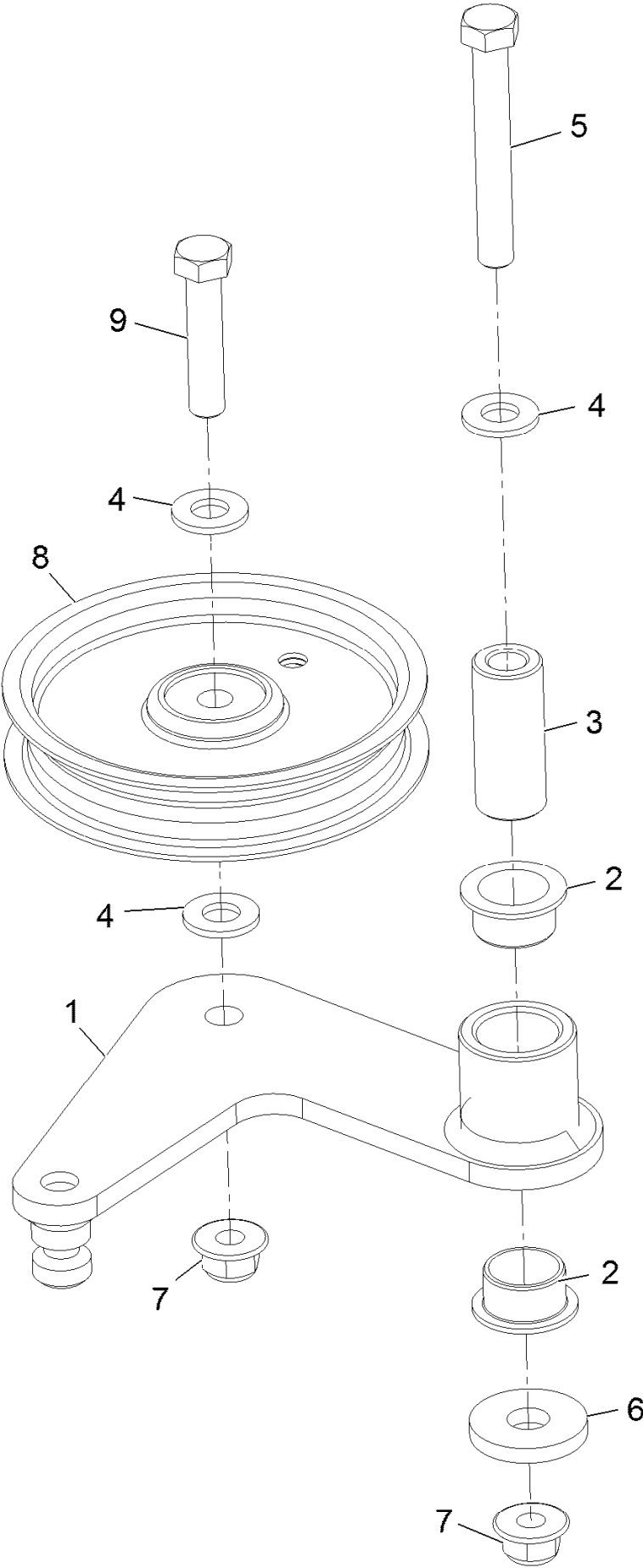
● Not serviced separately

▲ 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.

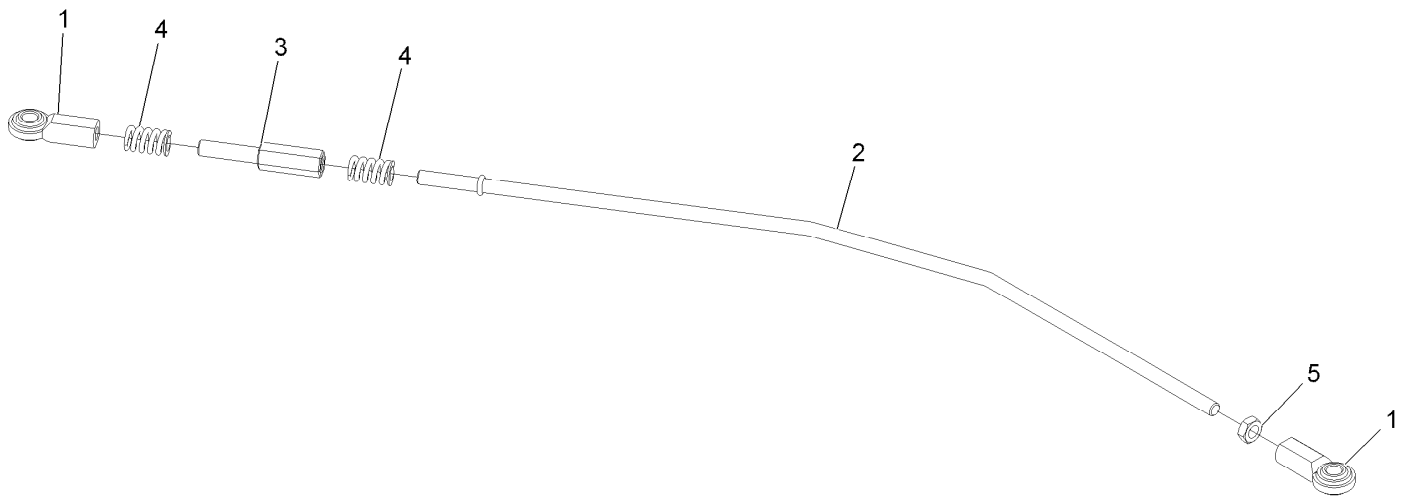
Pump Idler Assembly No. 116-9980



Pump Idler Assembly No. 116-9980 (continued)

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

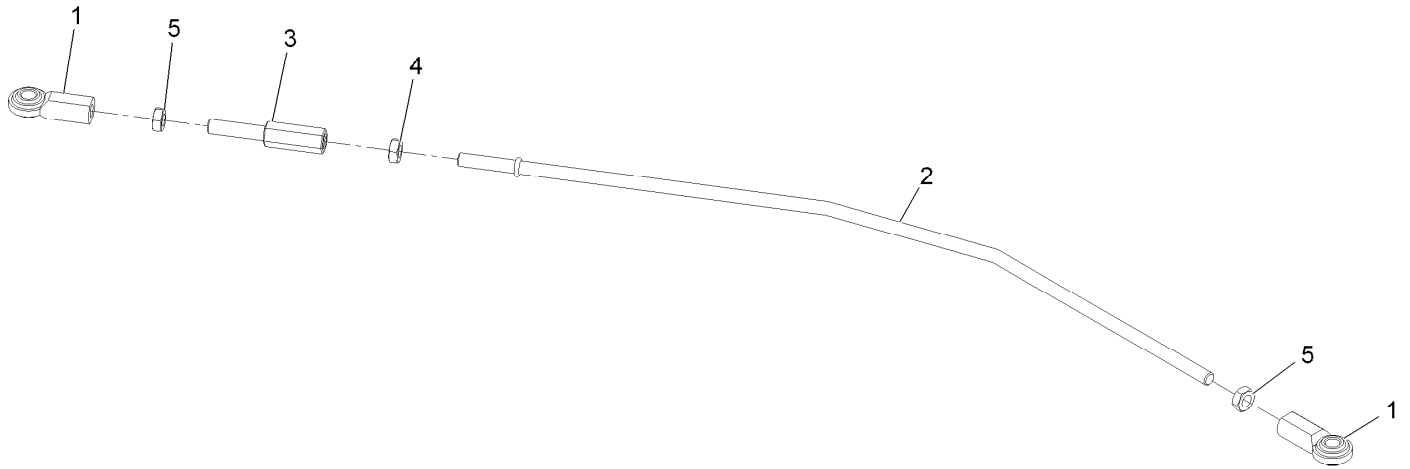
LH Tracking Control Linkage Assembly No. 116-4936



LH Tracking Control Linkage Assembly No. 116-4936 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-0608	2	Balljoint	4	116-7560	2	Spring-Compression
2	116-4938	1	Link-Lower,Motion Control	5	3220-3	1	Nut-Jam 3/8-24
3	116-4755	1	Rod-Adjustment				

RH Tracking Control Linkage Assembly No. 116-4937



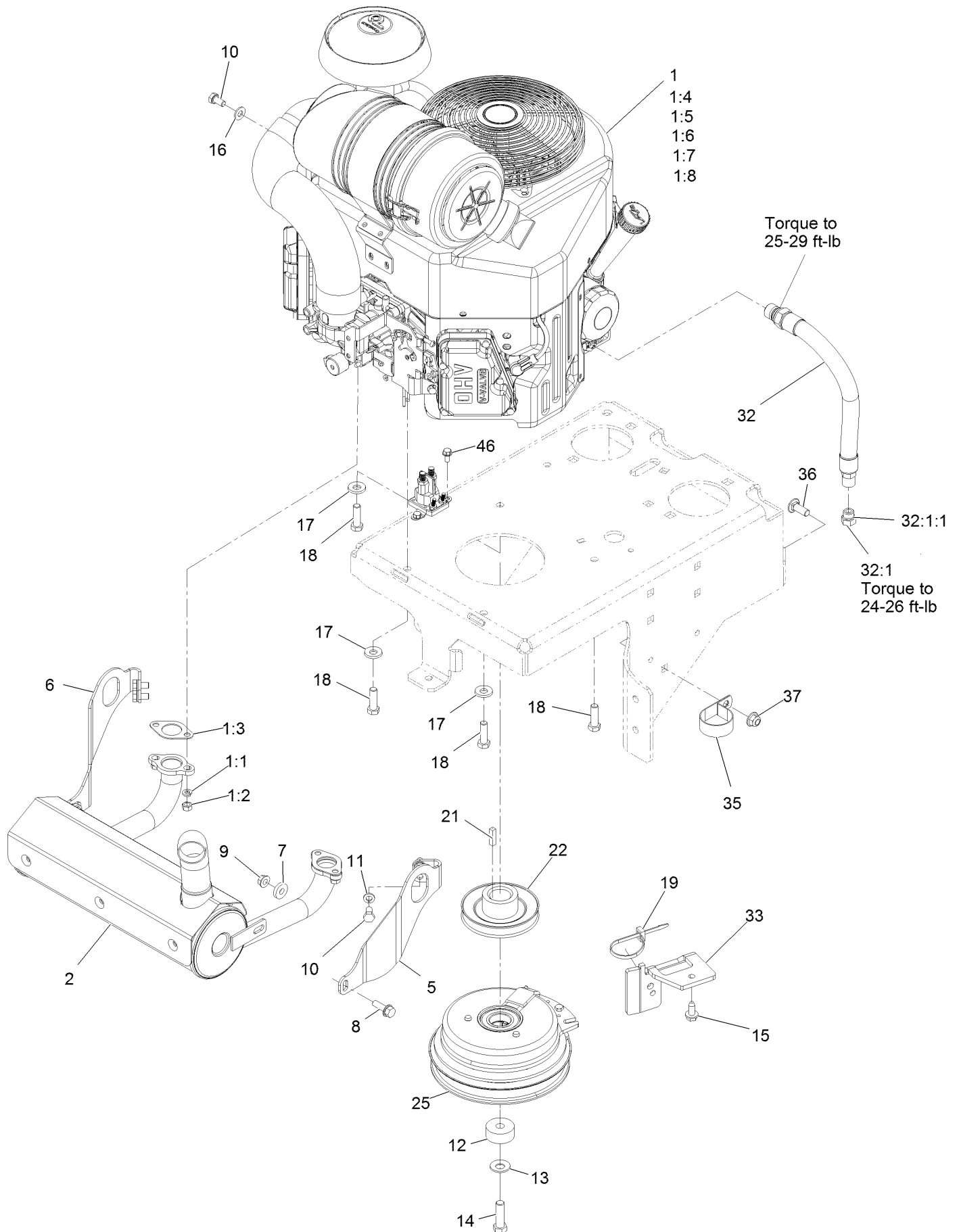
RH Tracking Control Linkage

Assembly No. 116-4937 (continued)

<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

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	3220-16	1	Nut-Jam 3/8-24 LH
5	3220-3	2	Nut-Jam 3/8-24

Engine Assembly



Engine Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Engine-Kawasaki, Fx691V ▲◆	14	3212-6	1	Screw-HH 7/16-20 X 1 1/2 □
1:1	114-3550	4	Washer-Lock	15	32144-70	1	Screw-HWH 5/16-18 X 3/4 Tf
1:2	114-3549	4	Nut	16	33094-00	1	Washer
1:3	1-653313	2	Gasket-Exhaust	17	98-5975	3	Washer-Spring Disc 3/8
1:4	119-5852	1	Filter-Oil	18	323-7	4	Screw-HH 3/8-16 X 1 1/4
1:5	92-2153	1	Spark Plug ●	19	3290-378	1	Tie-Cable
1:6	119-5944	1	Element-Filter, Air (Outer)	21	1-807259	1	Key-Machine 1/4 X 1/4 X 1
1:7	119-5945	1	Element-Filter, Air (Inner)	22	116-3882	1	Pulley
1:8	125-6445	1	Filter-Fuel ●	25	116-8517	1	Clutch-200 Ft-Lb, 1.125 Bore - No D Driv
2	116-8747	1	Muffler, Kawasaki, 22-26	32	116-4924	1	Asm-Hose Oil Drain W/Plug
5	116-2353	1	Bracket-Muffler Mount, LH	32:1	353-508	1	Plug-W/O-Ring ■
6	116-2354	1	Bracket-Muffler Mount, RH	32:1:1	237-42	1	O-Ring
7	104-7658	2	Spacer	33	116-3811-01	1	Bracket-Anchor, Clutch
8	3234-29	2	Screw-HH Flg 5/16-18 X 1	35	2412-147	1	Clamp
9	32128-25	2	Nut-Hex 5/16-18 Side Lock	36	3231-22	1	Bolt-Carriage 3/8-16 X 1
10	33114-016	5	Screw-HH M8-1.25 X 16Mm	37	104-8301	1	Nut-Nyloc 3/8-16 Flg
11	3253-4	4	Washer-Lock 5/16	46	32144-4	2	Screw-HWH 1/4-20 X 1/2 Taptite
12	103-0152	1	Keeper-Clutch				
13	1-603610	1	Washer-Spring Disc 7/16				

● Not illustrated

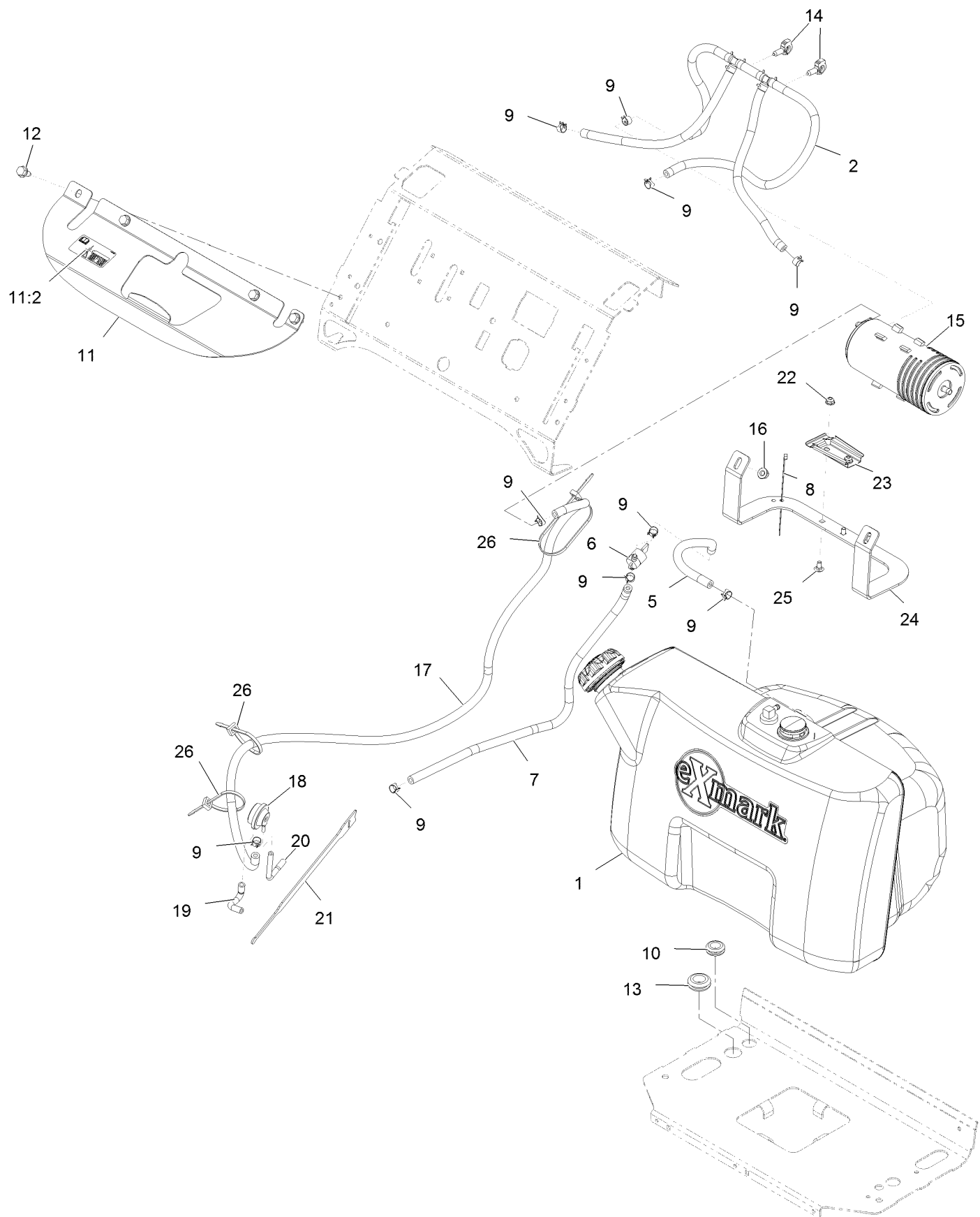
▲ Not serviced separately

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

■ Torque to 24-26 ft-lb

◆ Obtain parts from www.kawpowerepc.com

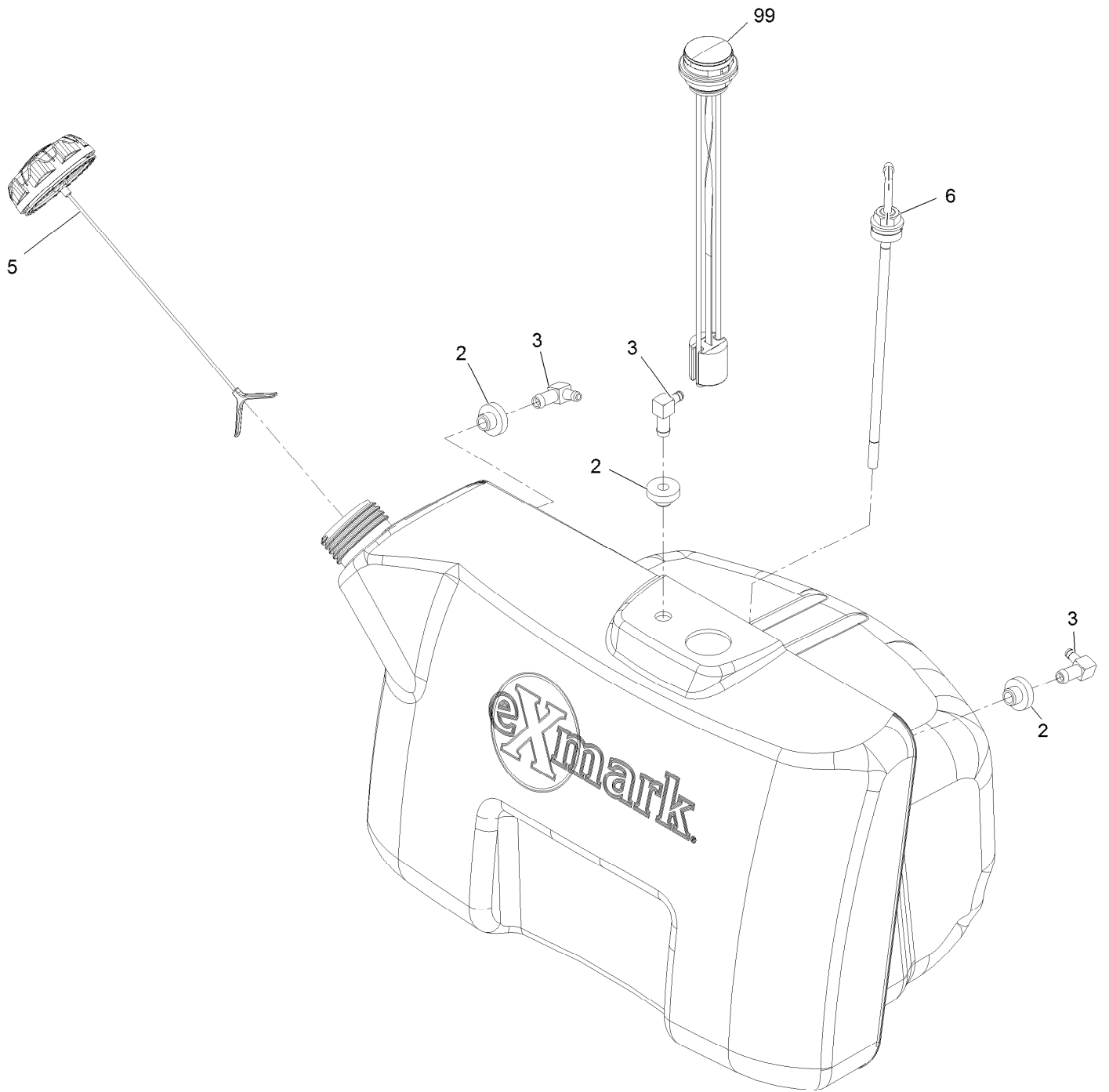
Fuel Assembly



Fuel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	135-0647	1	Tank ASM-	15	117-1221	1	Canister-Carbon, 800Cc
2	116-5170	1	Vent ASM	16	104-8300	2	Nut-Nyloc 5/16-18 Flg
5	107-9297	1	Hose-Fuel	17	63-9720	1	Hose-Fuel
6	1-603770	1	Valve-Fuel	18	116-2232	1	Valve-Control, Vacuum
7	109-0301	1	Hose-Fuel	19	119-8502	1	Hose-Vent, Formed
8	1-303287	1	Tie-Cable 5 1/2 (Small)	20	119-8501	1	Hose-Vent, Formed
9	2412-98	10	Clamp-Hose	21	116-2469	1	Strap-Velcro, Cable Tie
10	112-7069	1	Grommet	22	104-7201	2	Nut-Nyloc 1/4-20 Flg
11	116-3088	1	Bracket-Tank	23	114-0292	1	Bracket-Canister, Carbon
11:2	116-8775	1	Decal-Fill, Fuel	24	116-5600-03	1	Bracket-Canister Mounting
12	32144-70	4	Screw-HWH 5/16-18 X 3/4 Tf	25	116-5611	2	Bolt-Carriage 1/4-20 X 1/2 Short Neck
13	117-2781	1	Grommet	26	3290-378	3	Tie-Cable
14	32180-040	2	Clip-Harness				

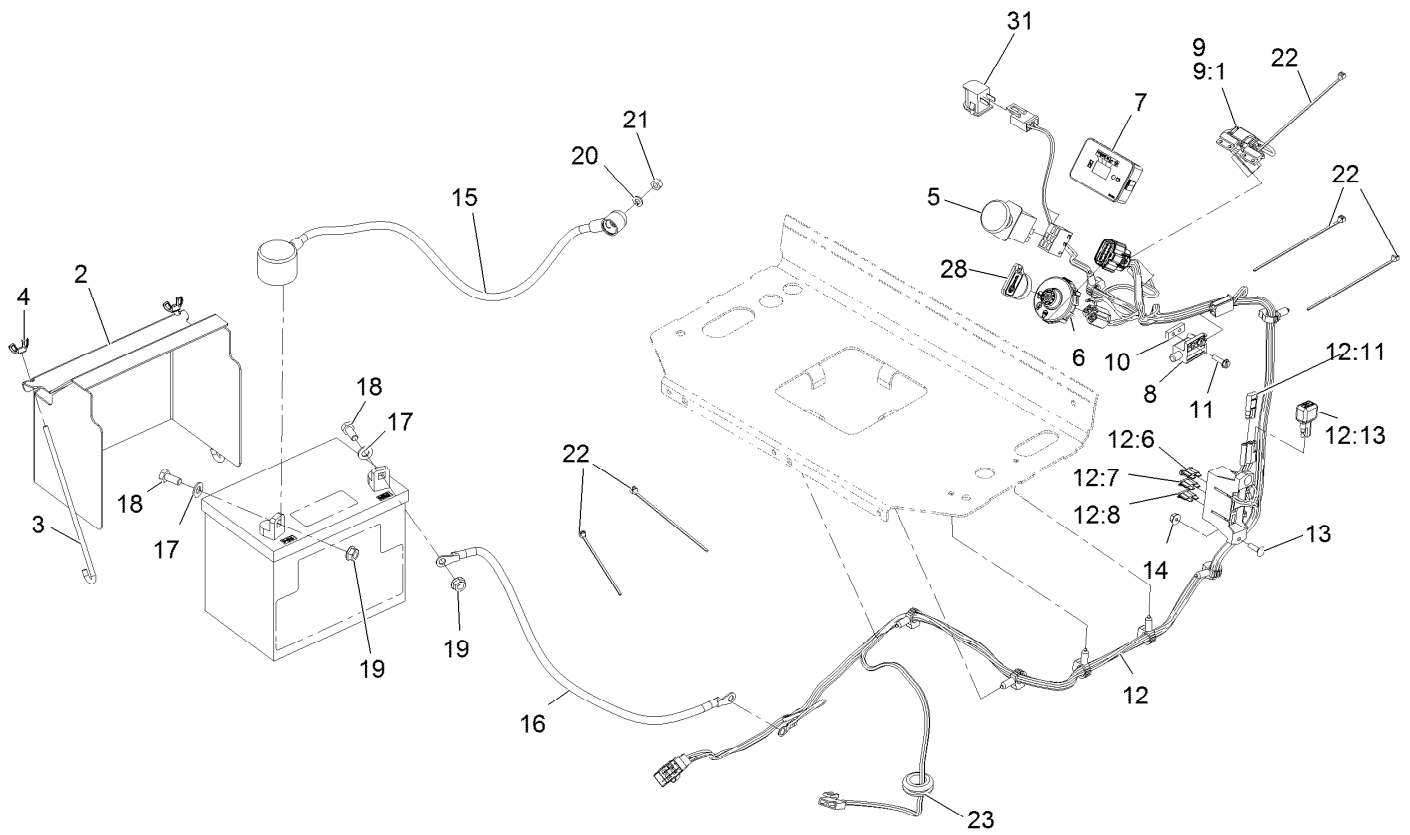
Fuel Tank Assembly



Fuel Tank Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	46-6560	3	Bushing	6	116-3408	1	Fitting-Fuel, Bulkhead
3	1-643172	3	Elbow-90 DEG	99	126-6924	1	Kit, Fuel Gage Replacement
5	126-1789	1	Cap-Fuel, Ratcheting				

Electrical Assembly

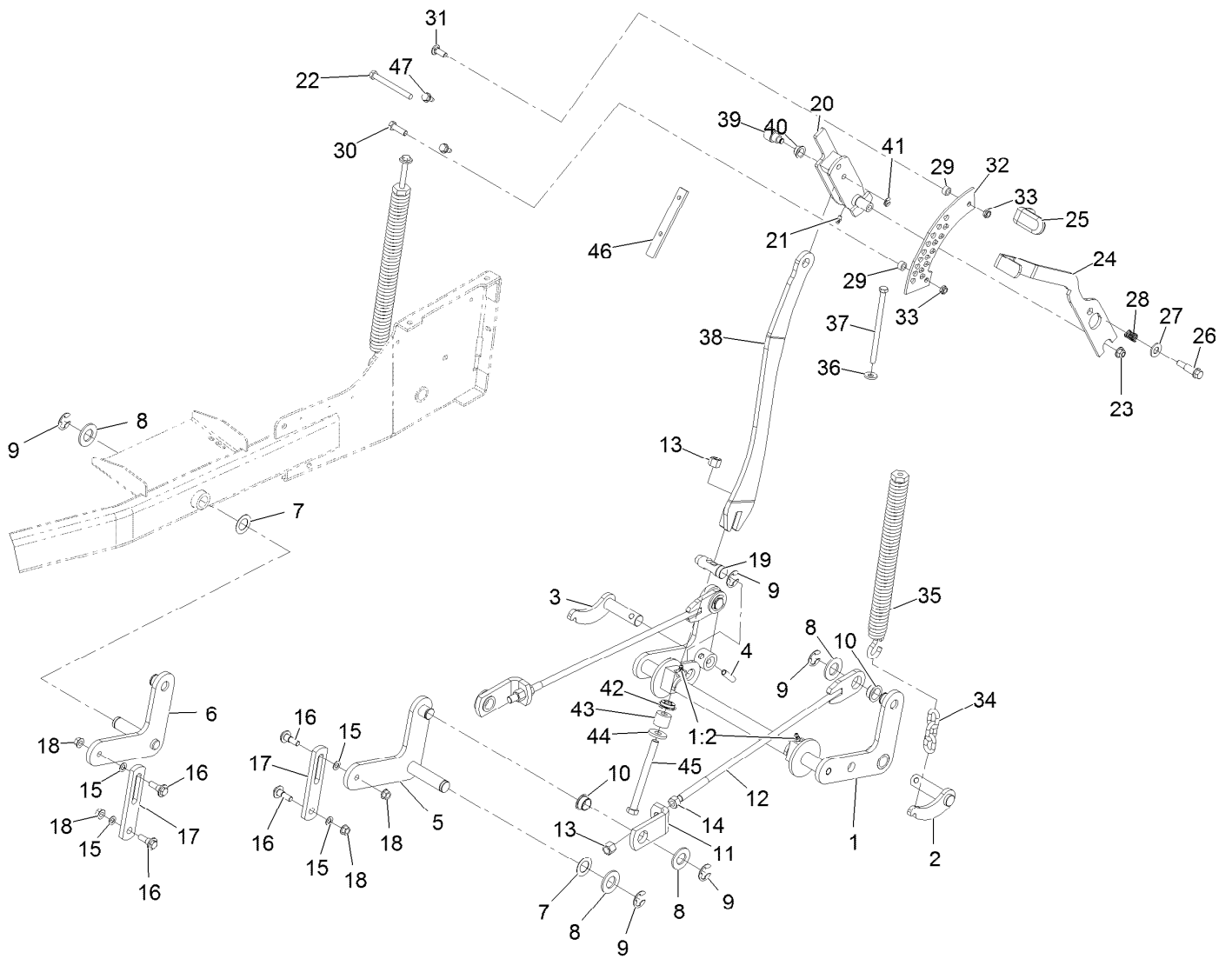


Electrical Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	117-0543-01	1	Cover-Battery	12:11	116-0053	1	Cap-Plug
3	1-633651	2	Bolt-Holddown	12:13	103-3895	1	Diode
4	1-543792	2	Wingnut-Nyloc 1/4-20	13	3229-20	2	Screw-CARR
5	114-0279	1	Switch-PTO, On-On	14	3290-148	2	Nut-Whizlock #10-24
6	137-4101	1	Switch-Ignition	15	115-3864	1	Cable-Battery, Positive
7	116-8893	1	Module-Hour Meter	16	105-0836	1	Cable-Battery, Black
8	1-513152	1	Switch-N.C.	17	3256-23	2	Washer-5/16 SAE
9	116-2833	1	Harness-Switch, Reed	18	322-3	2	Screw-HH 5/16-18 X 3/4
9:1	135-1570	1	Harness-Wire, Reed Switch	19	109-5715	2	Nut-Hex Flange 5/16-18
10	1-633181	1	Plate-Tapped	20	3253-3	1	Washer-Lock 1/4
11	32105-13	2	Screw-HWH #10-24 X 3/4	21	3217-5	1	Nut-Hex 1/4-20
12	135-2486	1	Harness, Wire ●	22	1-303287	6	Tie-Cable 5 1/2 (Small)
12:6	109103	1	Fuse-Blade, 30 Amp	23	117-2781	1	Grommet
12:7	109102	1	Fuse-Blade, 25 Amp	28	103-2106	1	Key-Exmark Logo
12:8	218-578	1	Fuse-Blade, 10 Amp	31	82-2190	1	Switch

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

Deck Lift Assembly



Deck Lift Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	116-3103	1	Rear Crossshaft ASM	24	114-1878-03	1	Lever-HOC
1:2	302-11	2	Zerk-45° 1/4-28	25	1-633268	1	Grip-Lever
2	116-3104-01	1	Shaft-Pivot, LH	26	66-0561	1	Screw-Shoulder
3	116-3105-01	1	Shaft-Pivot, RH	27	3256-26	1	Washer-1/2 SAE
4	116-3107	2	Pin-Spiral	28	65-9940	1	Spring
5	121-5993-01	1	Arm-Lift, LH	29	111044	2	Bushing
6	121-5994-01	1	Arm-Lift, RH	30	323-7	1	Screw-HH 3/8-16 X 1 1/4
7	110-6767	2	Washer-Thrust	31	3231-22	1	Bolt-Carriage 3/8-16 X 1
8	3256-29	6	Washer-7/8 SAE	32	114-5307	1	Bracket-HOC
9	32151-103	7	E-Ring	33	3296-59	2	Nut-Nyloc 3/8-16 Thin
10	116-2909	4	Bearing-Flange	34	103-9859	2	Chain-Decklift
11	116-2901	2	Bracket-Lift Rod	35		1	Sub-Contract Bom ●
12	116-8676	2	Lift Rod ASM	35	116-0886	2	Spring-Extension
13	3296-23	3	Nut-Nyloc 1/2-13	36	98-5975	2	Washer-Spring Disc 3/8
14	3217-9	2	Nut-Hex 1/2-13	37	323-58	2	Bolt-HH 3/8-16 X 6 Tap
15	40-1940	4	Washer	38	116-2939	1	Bar-Lift
16	109-9840	4	Screw-Hex Flange 3/8-16 X .80	39	116-3048	1	Hub-Pivot
17	117-0519	2	Link-Lift	40	116-3047	1	Bearing-Flange
18	32128-21	4	Nut-3/8-16 Flanged Side Lock	41	32151-47	1	Ring-Retaining
19	114-5274	1	Pin-HOC	42	116-3625	1	Seat-Spring
20	114-3512	1	HOC Handle ASM	43	116-3241	1	Spring-Urethane
21	302-5	1	Zerk 1/4-28 Str Thrd Forming	44	92-2651	1	Washer
22	323-42	1	Screw-HH 3/8-16 X 3 3/4	45	325-22	1	Screw-HH 1/2-13 X 5 1/2
23	104-8301	1	Nut-Nyloc 3/8-16 Flg	46	116-3124	1	Skid-Handle, Lift
				47	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf

● Not serviced separately

Notes:

Notes:

Notes:



MAXIMIZE THE PERFORMANCE OF YOUR EXMARK MACHINE.



EXMARK® PREMIUM ENGINE OIL

Exmark now offers a family of engine oil viscosities to perform well in any environment. Each viscosity has the same synthetic formulation to give you what you need in punishing conditions. We designed each grade to the highest quality, making it ideal even for diesel applications. Coupled with Exmark Premium Fuel Treatment, we have the performance products to make your machine hum.

EXMARK PREMIUM ENGINE OIL SAE 30/10W-30

- Meets zero shear requirements of a straight grade SAE 30 as well as the cold temp properties of a 10W-30.
- Most versatile oil in the industry.
- Superior corrosion protection over conventional oil - even in corrosive, humid environments.

EXMARK PREMIUM ENGINE OIL SAE 20W-50

- Perfect for your big block engine, or any application in severe service.
- Same full synthetic formulation as all other Exmark Premium viscosities.
- Also effective for use in severe service small block engines.

EXMARK PREMIUM ENGINE OIL SAE 10W-50

- Full synthetic formulation gives you peak performance. Don't settle for less.
- Wide span multi-grade combines easy starting in cold weather with maximum protection in high temperature operation.
- Reduce friction & wear over standard mineral formulations.

EXMARK PREMIUM ENGINE OIL SAE 0W-40

- The perfect choice for when the weather turns cold or unpredictable, and your Exmark UTV has to perform.
- Commercial quality for severe service.
- Advanced additive package helps prevent corrosion from long-term storage.

EXMARK PREMIUM ENGINE OIL UTV FORMULATION

- 4-cycle high-temp formulation.
- Heavier viscosity, full synthetic, perfect for your UTV.

EXMARK PREMIUM UTV EXTREME CONDITIONS GEAR OIL

- SAE 80W-90, designed to keep your UTV performing at its peak.
- Shear stable, hypoid gear lube.
- Includes a premium additive system to combat wear, oxidation, rust & corrosion.

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) _____

© 2018 Exmark Mfg. Co., Inc.
2101 Ashland Ave
Beatrice, NE 68310
All Rights Reserved

Part No. 4503-561 Rev. B
(402) 223-6375
Fax (402) 223-5489
Printed in the USA.



* 4 5 0 3 - 5 6 1 * B

www.exmark.com