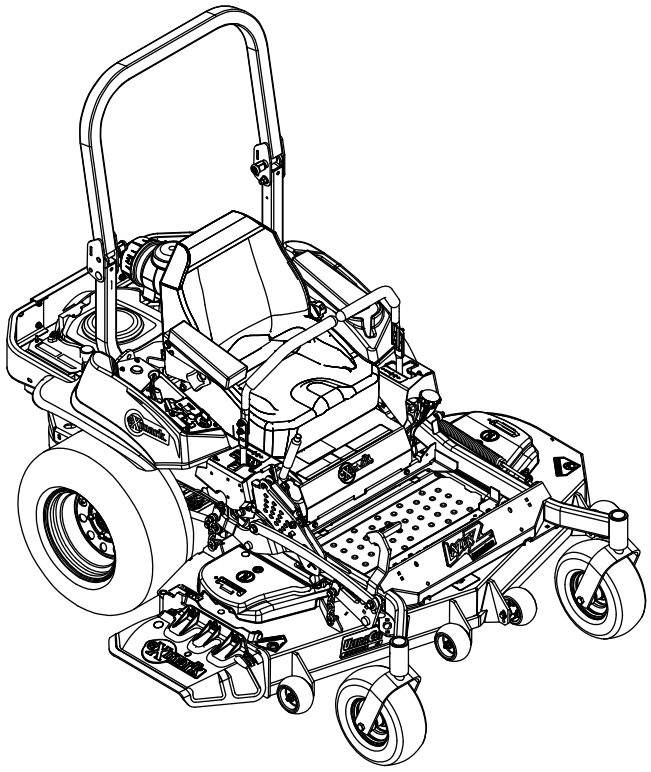
LAZER Z® S-SERIES

Model No. LZS24KA524CA—Serial No. 920000 and Up



Parts Manual

Part No. 4500-870 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

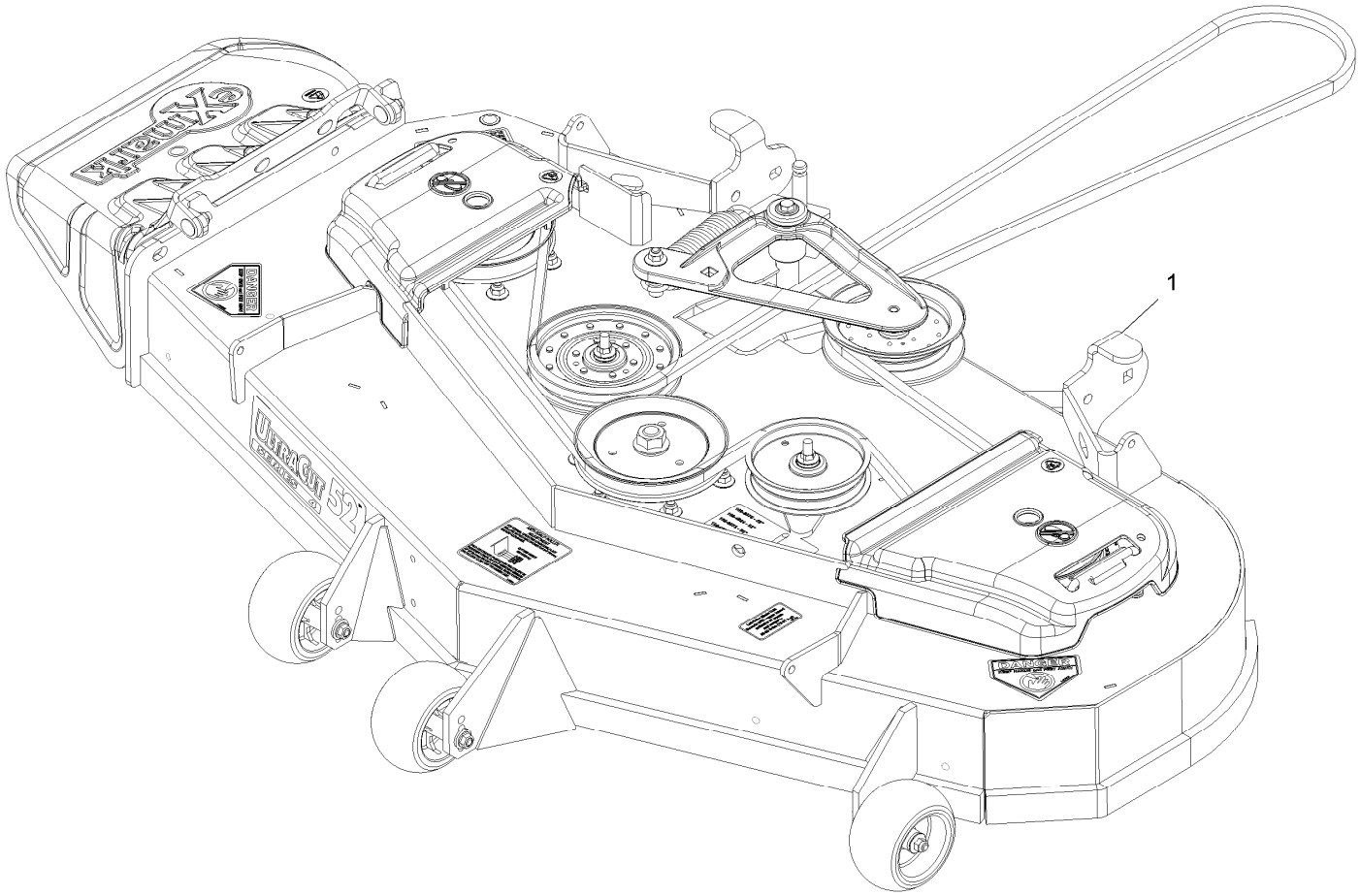
Contact us at www.Exmark.com.
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If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark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

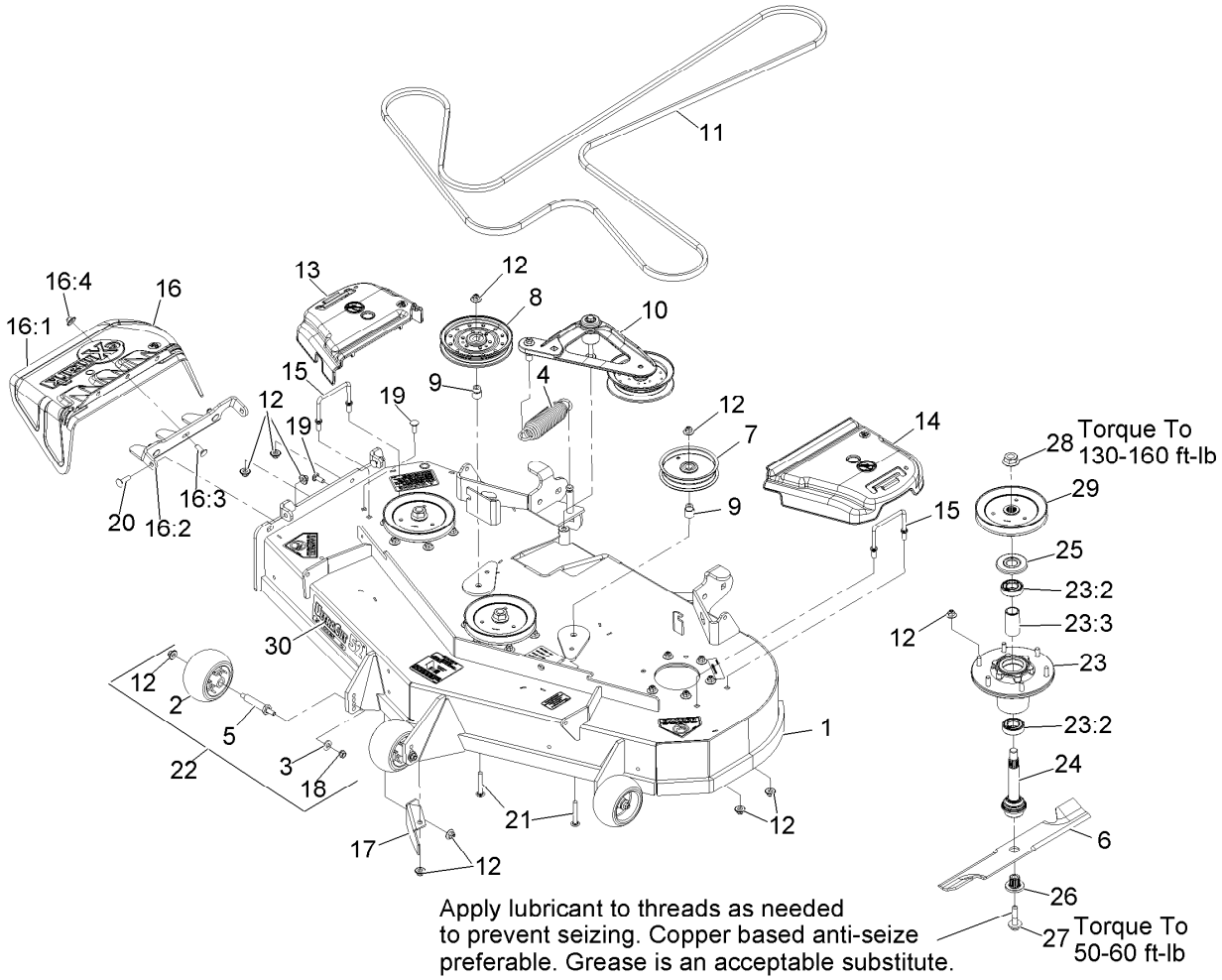
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Complete Deck Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	116-3598	1	ASM,524 Deck Complete

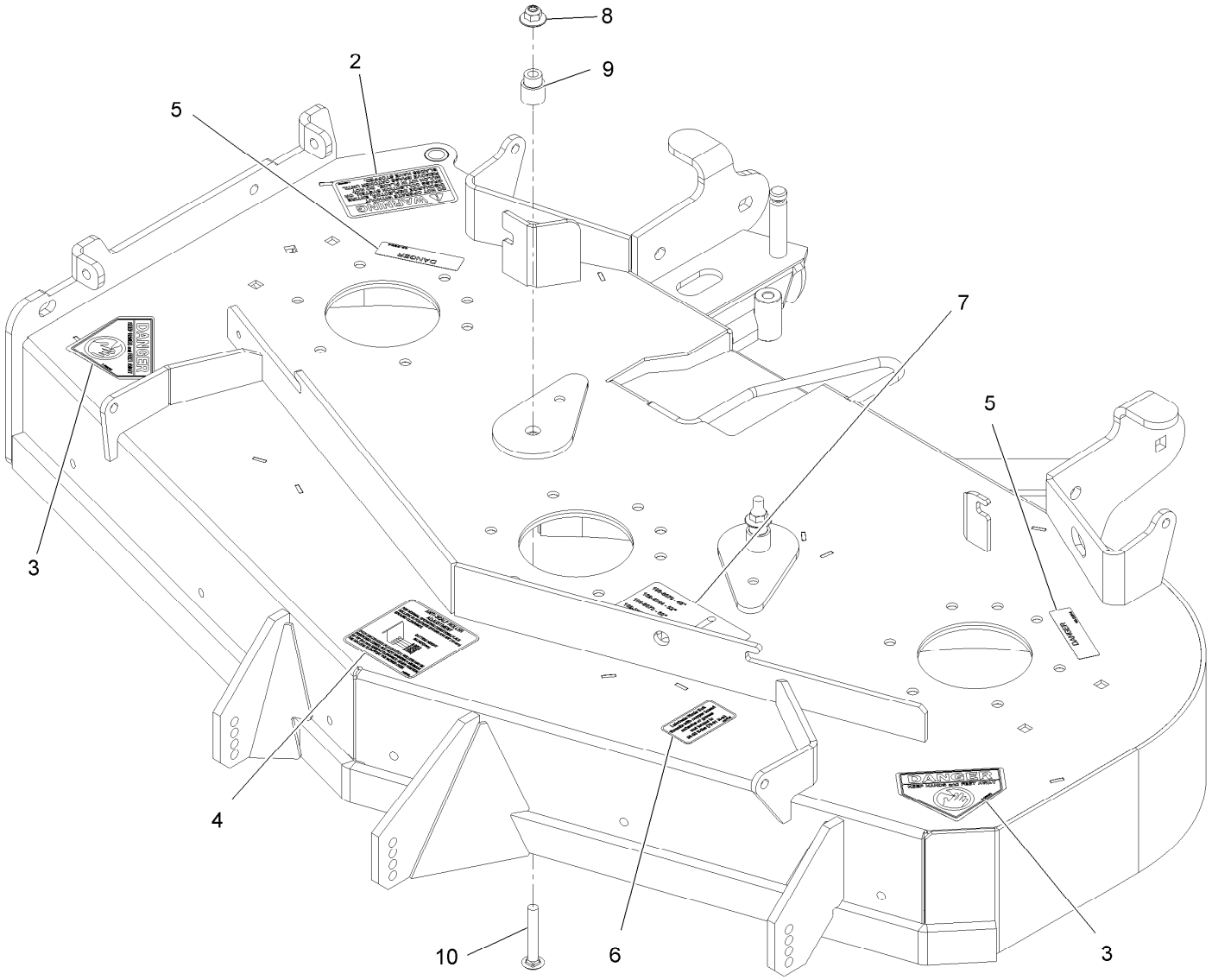


Deck Assembly

Ref.	Part Number	Qty.	Description
1	109-9149	1	ASM,Deck W/ Decals 52
2	1-603299	3	Roller-Scalp, Anti
3	98-5975	3	Washer-Spring Disc 3/8
4	116-0133	1	Extension-Spring
5	99-2842	3	Spacer
6	103-6402	3	Blade-Notched
6	103-6397	3	Blade, Extreme 18.0 (.94 Hole)
6	103-6392	3	Blade, Mulch 18.0 (.94 Hole) ●
6	103-6387	3	Blade, Low Lift 18.0 (.94 Hole)
6	103-6382	3	Blade, Solid 18.0 (.94 Hole)
7	1-613098	1	Pulley-Idler
8	1-633109	1	Idler-Flat
9	1-633456	2	Bushing,Idler
10	116-3755	1	Deck Idler ASM
11	109-4994	1	Belt,V-B X 186.00"
12	109-6658	31	Nut-Nyloc 3/8-16 Flg
13	109-6935	1	Cover-Belt, RH
14	109-6936	1	Cover-Belt, LH
15	109-6982	2	Wireform-Cover
16	109-7188	1	ASM,Discharge Chute

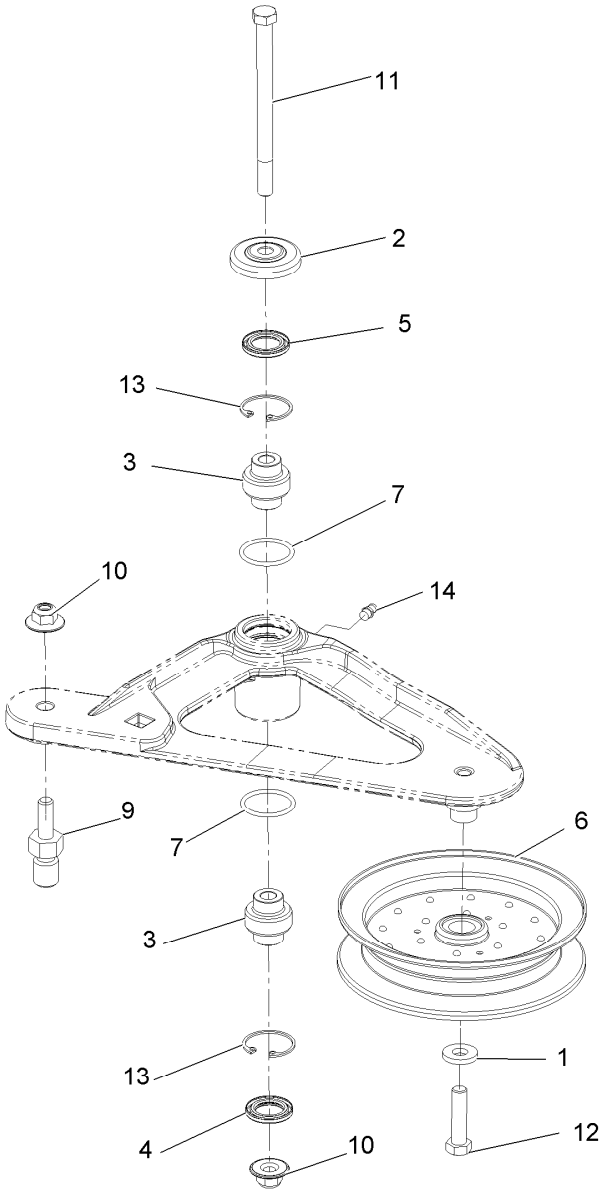
Ref.	Part Number	Qty.	Description
16:1	109-2738	1	Chute,Discharge
16:2	109-8675-01	1	Bracket,Discharge Chute
16:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
16:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
17	109-9915-01	1	Baffle,Discharge 52/60
18	3290-357	3	Nut-Whizlock 3/8-16
19	3231-22	2	Bolt-Carriage 3/8-16 X 1
20	3231-28	2	Bolt-Carriage 3/8-16 X 1 1/4
21	3231-44	2	Bolt-Carriage 3/8-16 X 2 1/2
22	103-4051	3	Kit,Anti-Scalp Roller
23	116-3344	3	ASM-Cutter Hsg With Bearings
23:2	116-0720	2	Bearing-Ball, 25Mm
23:3	116-3312	1	Spacer-Bearing
24	116-3341	3	ASM-Spindle And Seal
25	116-1286	3	Guard,Bearing Top .989
26	103-3037	3	Bushing,Splined
27	109-9220	3	Screw-Sems 1/2-20 X 2.19
28	104-0753	3	Nut-Hex 3/4-16 Flg Special
29	116-0675	3	Sheave,Blade Drive 6.50
30	116-0034	1	Decal,Ultracut 52 Series 4

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



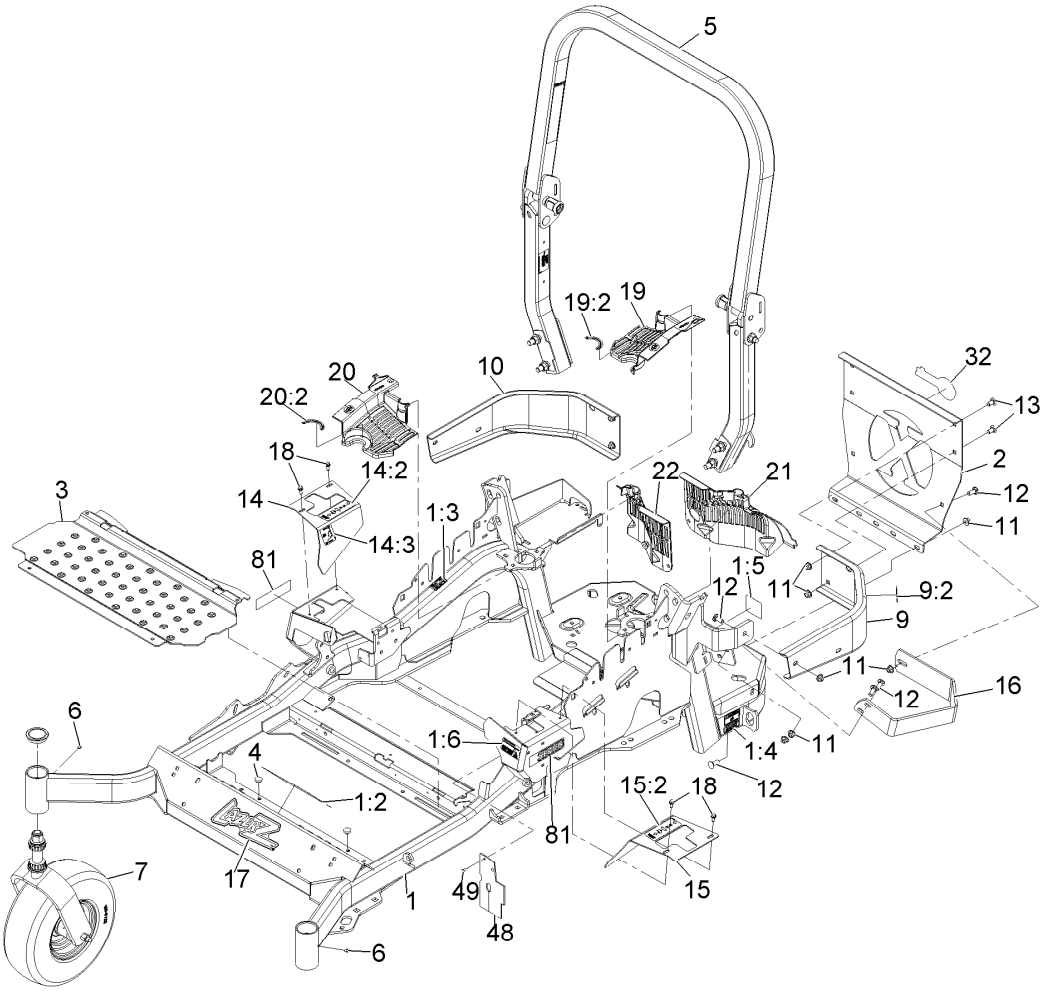
Deck W/Decals Assembly No. 109-9008

Ref.	*Part Number*	*Qty.*	*Description*
2	1-303508	1	Decal-Warning, Discharge
3	1-403005	2	Decal-Danger
4	1-633922	1	Decal,Antiscalp
5	98-5954	2	Decal-Cover, Missing
6	109-3148	1	Decal,Bolt Torque
7	109-9361	1	Decal,Belt Routing
8	109-6658	2	Nut-Nyloc 3/8-16 Flg
9	1-633456	2	Bushing,Idler
10	3231-44	2	Bolt-Carriage 3/8-16 X 2 1/2



Deck Idler Assembly No. 116-3755

Ref.	*Part Number*	*Qty.*	*Description*
1	43-0940	1	Spacer-Hub, Blower
2	103-2916	1	Guard-Top
3	103-3504	2	Bearing-Spherical
4	103-3505	1	Seal-Double Lip
5	103-3506	1	Seal-Single Lip
6	103-8743	1	Pulley-Idler, Flanged
7	106-7159	2	O-Ring
9	116-3467	1	Pin,Spring Anchor
10	109-6658	2	Nut-Nyloc 3/8-16 Flg
11	109-7409	1	Screw-Shoulder 3/8-16 X 5
12	323-8	1	Screw-HH 3/8-16 X 1 1/2
13	32120-10	2	Ring-Retaining
14	302-19	1	Zerk-1/4-28 Str

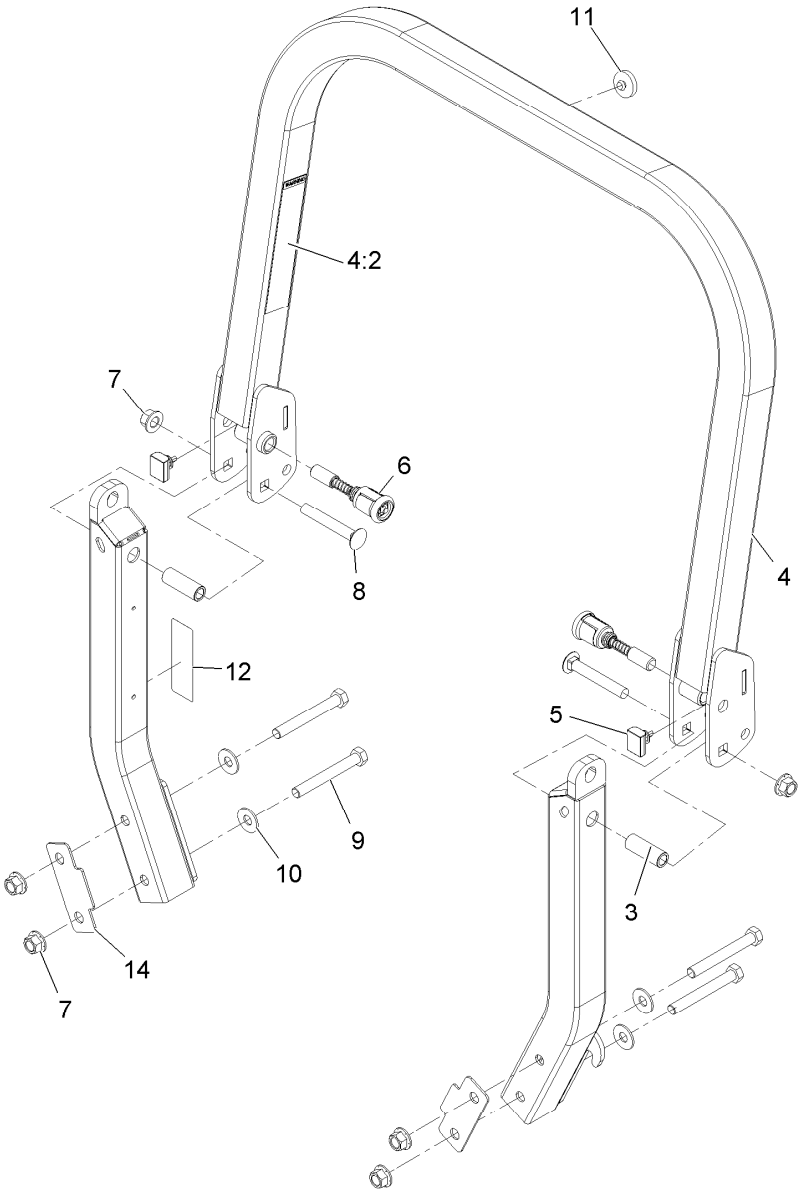


Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	116-2124	1	Main Frame ASM
1:2	116-3303	1	Decal-Slope
1:3	103-2076	2	Decal-Caution
1:4	116-0205	2	Decal-Belt Drive
1:5	116-4858	1	Decal-Spark Arrester
1:6	116-1654	1	Decal Fuel Fill
2	109-8863-03	1	Plate,Rear Guard
3	116-0024-01	1	Floorpan
4	1-513658	2	Bumper
5	116-0230	1	ASM,ROPS Service Exmark
6	1-811010	2	Plug
7		2	ASM,Front Caster W/Fork ●
9	116-0180	1	LH Bumper ASM
9:2	103-2076	1	Decal-Caution
10	116-0057-03	1	Bumper-RH
11	104-8301	11	Nut-Nyloc 3/8-16 Flg
12	3231-22	7	Bolt-Carriage 3/8-16 X 1
13	3231-21	4	Bolt-Carriage 3/8-16 X 3/4
14	116-0579	1	RH Motion Control Cover ASM

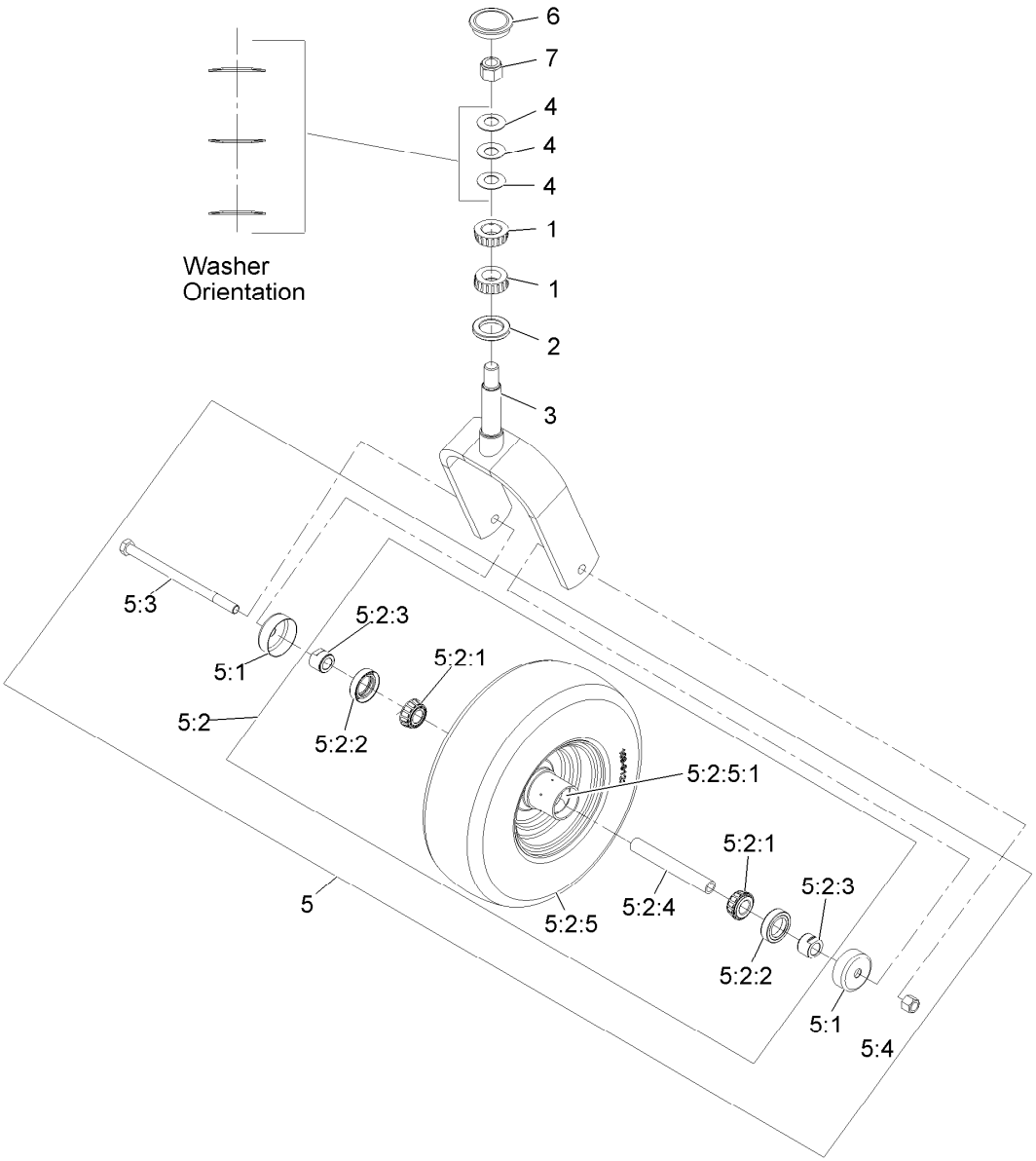
Ref.	Part Number	Qty.	Description
14:2	109-7232	1	Decal-Motion Control
14:3	109-7929	1	Decal-Park Brake
15	116-0580	1	LH Motion Control Cover ASM
15:2	109-7232	1	Decal-Motion Control
16	116-0043-03	1	Guard-Muffler
17	103-3113	1	Decal,Lazer Model
18	32144-10	4	Screw-HWH 1/4-20 X .62
19	116-0170	1	LH Hydro Guard ASM
19:2	116-0157	1	Decal-Hydro Oil
20	116-0171	1	RH Hydro Guard ASM
20:2	116-0157	1	Decal-Hydro Oil
21	109-9057	1	Guard-Hydro, Rear LH
22	109-9058	1	Guard-Hydro, Rear RH
32	103-2883	1	Decal,Exmark Logo
48	116-2362	1	Deflector, Air Flow
49	1-803035	2	Rivet 3/16 X 1/4
81	116-3884	2	Decal-S-Series

● Not serviced separately



Roll-Over Protection System Assembly No. 116-0230

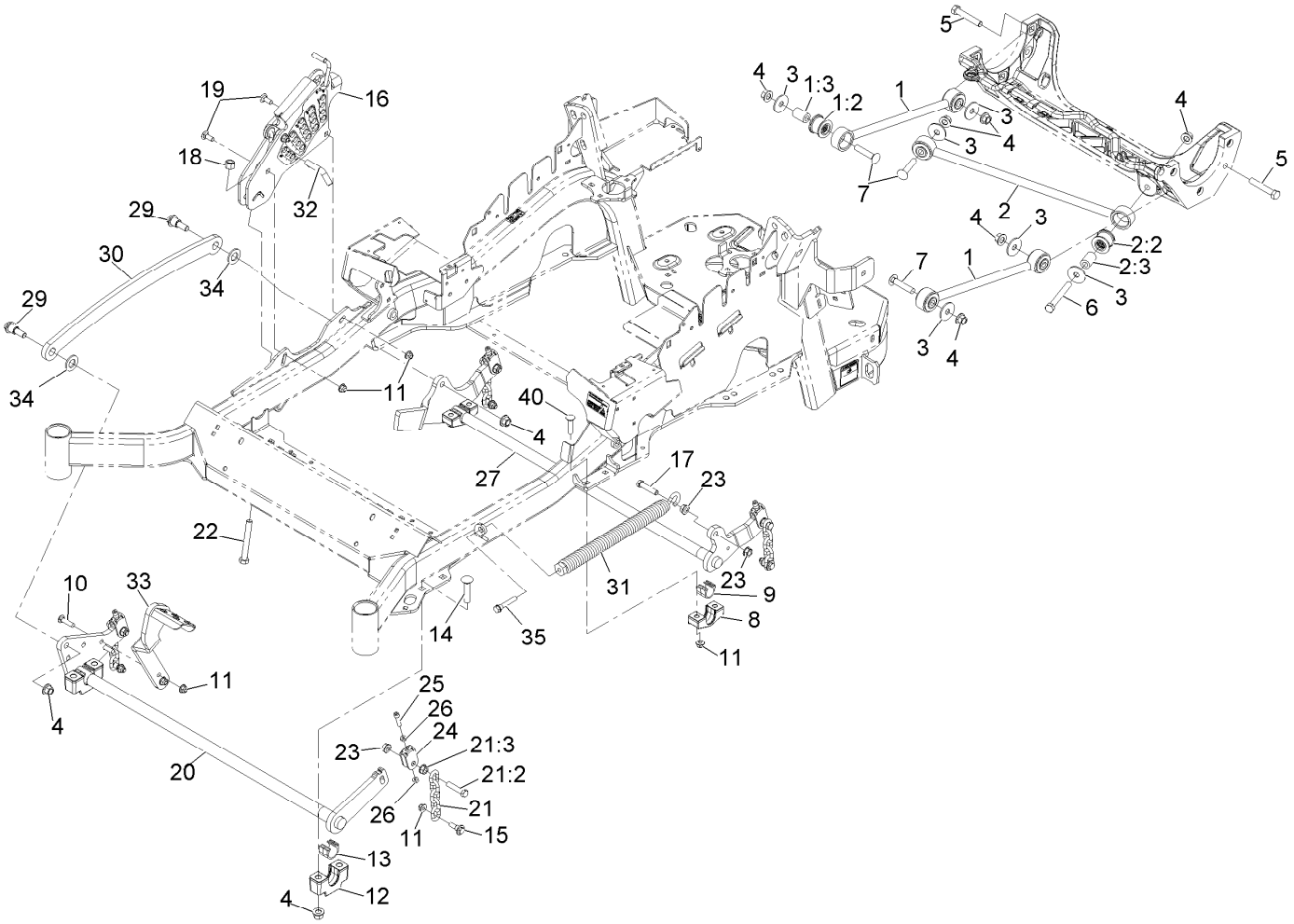
Ref.	*Part Number*	*Qty.*	*Description*
3	109-6653	2	Spacer
4	116-0019	1	Upper ROPS ASM
4:2	107-2102	1	Decal-Warning, Folding ROPS
5	109-5337	2	Bumper-ROPS
6	116-0104	2	Spring Pin ASM
7	99-5107	6	Nut-Lock 1/2-13
8	3233-10	2	Bolt-Carriage 1/2-13 X 3 1/2
9	325-17	4	Screw-HH 1/2-13 X 4
10	109-9505	4	Washer-Spring
11	109-9233	1	Bumper-Push-In, Rubber
12	116-0090	1	Decal-Caution
14	116-0960	2	Spacer



Caster Wheel and Fork Assembly

Ref.	Part Number	Qty.	Description
1	1-543509	2	Cone-Bearing Tapered Roller
2	1-543511	1	Seal-Grease
3	116-1092-01	1	Wld,Caster
4	1-633508	3	Washer-Spring Disc
5	109-9126	1	Wheel And Tire ASM
5:1	103-2768	2	Guard-Seal
5:2		1	Wheel And Tire ASM ●
5:2:1	1-633585	2	Bearing-Cone Tapered Roller
5:2:2	103-0063	2	Seal-Double Lip
5:2:3	103-3051	2	Spacer-Nut ■
5:2:4	103-3155	1	Axle-Caster
5:2:5		1	Wheel And Tire ASM ●
5:2:5:1	1-633584	1	Bearing-Cup
5:3	325-42	1	Screw-HH 1/2-13 X 8
5:4	3296-23	1	Nut-Nyloc 1/2-13
6	103-4882	1	Cap-Grease
7	3296-51	1	Nut-Nyloc 3/4-10

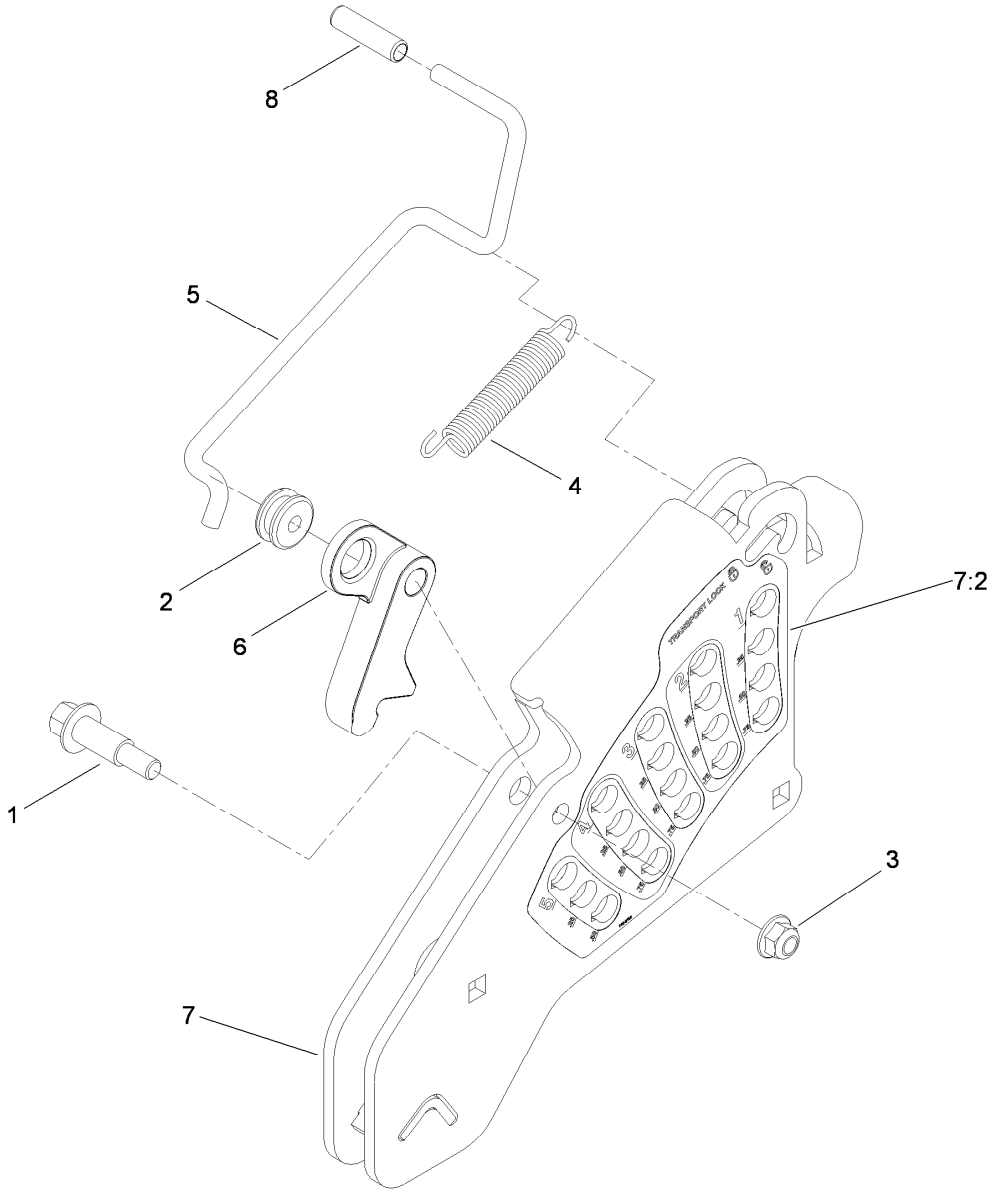
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Deck Lift Assembly

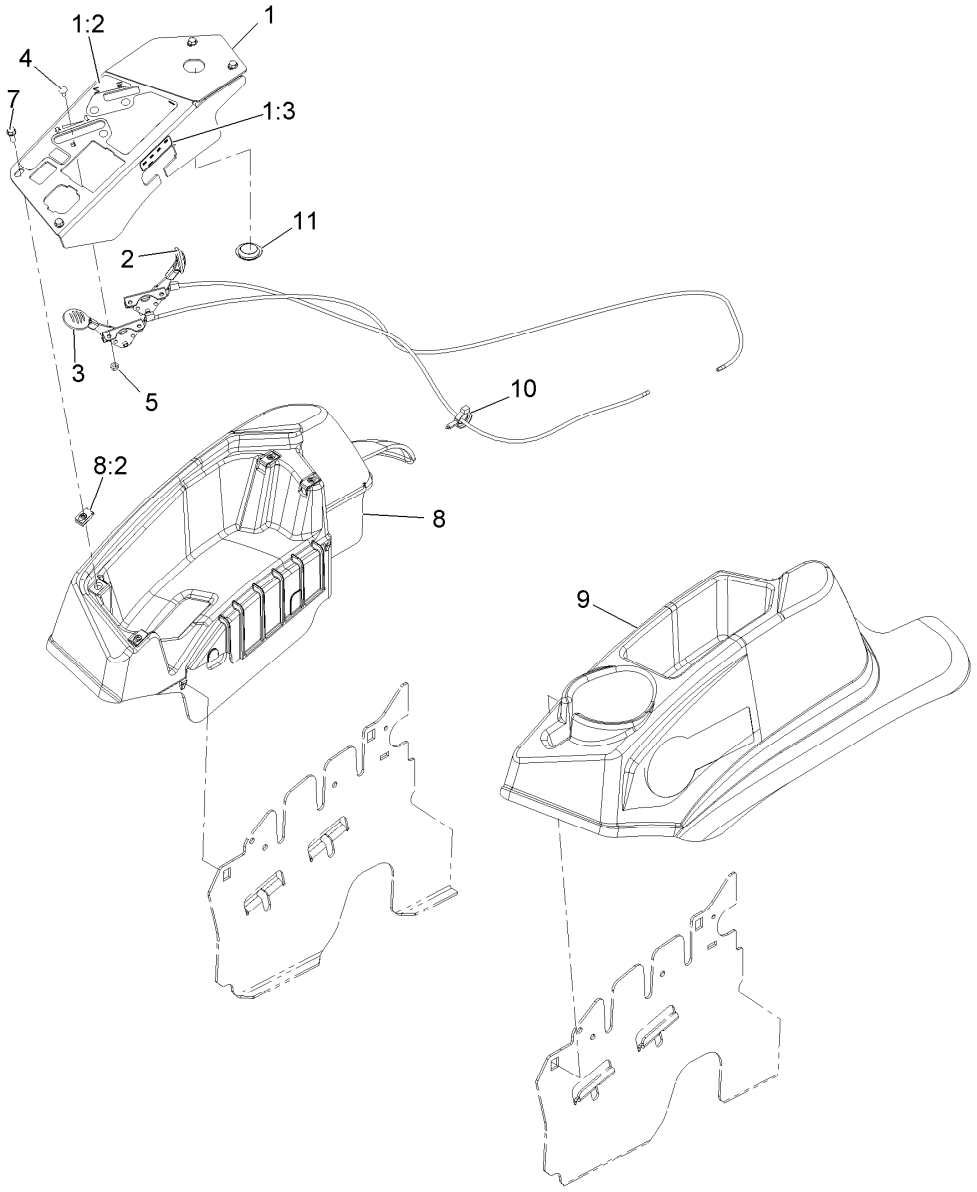
Ref.	Part Number	Qty.	Description
1	109-7952	2	Deck Strut ASM
1:2	109-5009	2	Bushing-Suspension, Rubber
1:3	109-5010	2	Spacer
2	109-5013	1	Panhard Rod ASM
2:2	109-5009	2	Bushing-Suspension, Rubber
2:3	109-5010	2	Spacer
3	86-1990	6	Washer
4	99-5107	12	Nut-Lock 1/2-13
5	325-12	2	Screw-HH 1/2-13 X 3
6	325-17	1	Screw-HH 1/2-13 X 4
7	3233-34	3	Bolt-Carriage 1/2-13 X 2 1/2
8	116-0818-03	2	Support-Bearing, Cross Shaft Rear
9	109-7173	2	Bearing-Cross, Rear Shaft
10	3231-4	2	Bolt-Carriage 3/8-16 X 1 1/2
11	104-8301	12	Nut-Nyloc 3/8-16 Flg
12	109-9409	2	Support-Cross Shaft, Bearing Front
13	109-9410	2	Bearing-Shaft Front, Cross
14	116-1700	4	Bolt-Carriage 1/2-13 X 2 1/2 Spl Neck
15	109-9840	4	Screw-Hex Flange 3/8-16 X .80

Ref.	Part Number	Qty.	Description
16	109-7438	1	Height-Of-Cut ASM
17	109-9065	1	Screw-HH 7/16-14 X 2
18	3296-23	1	Nut-Nyloc 1/2-13
19	3231-2	2	Bolt-Carriage 3/8-16 X 1
20	116-2217-03	1	Cross Shaft Front ASM
21	116-0756	4	Deck Lift Chain ASM
21:2	109-9065	1	Screw-HH 7/16-14 X 2
21:3	32128-37	1	Nut-Whizlock 7/16-14
22	116-0559	1	Bolt-HH 1/2-13 X 4 Tap
23	32128-37	6	Nut-Whizlock 7/16-14
24	109-9066	4	Yoke-Adjust, Deck
25	3274-18	4	Screw-Sh 5/16-18 X 1 1/4
26	3218-2	8	Nut-Jam 5/16-18
27	116-0459-03	1	Lift-Deck, Rear
29	116-0780	2	Screw-Shoulder HHF 1/2-13 X 1.12
30	116-0797-03	1	Link-Lift, Deck
31	116-0886	1	Extension Spring ASM
32	109-8757	1	Pin-HOC
33	116-1919-01	1	Lever-Foot
34	3256-28	2	Washer-3/4 Sae
35	92-7674	1	Screw-Shcs 3/8-16 X 2.212
40	3231-5	4	Bolt-Carriage 3/8-16 X 1 3/4



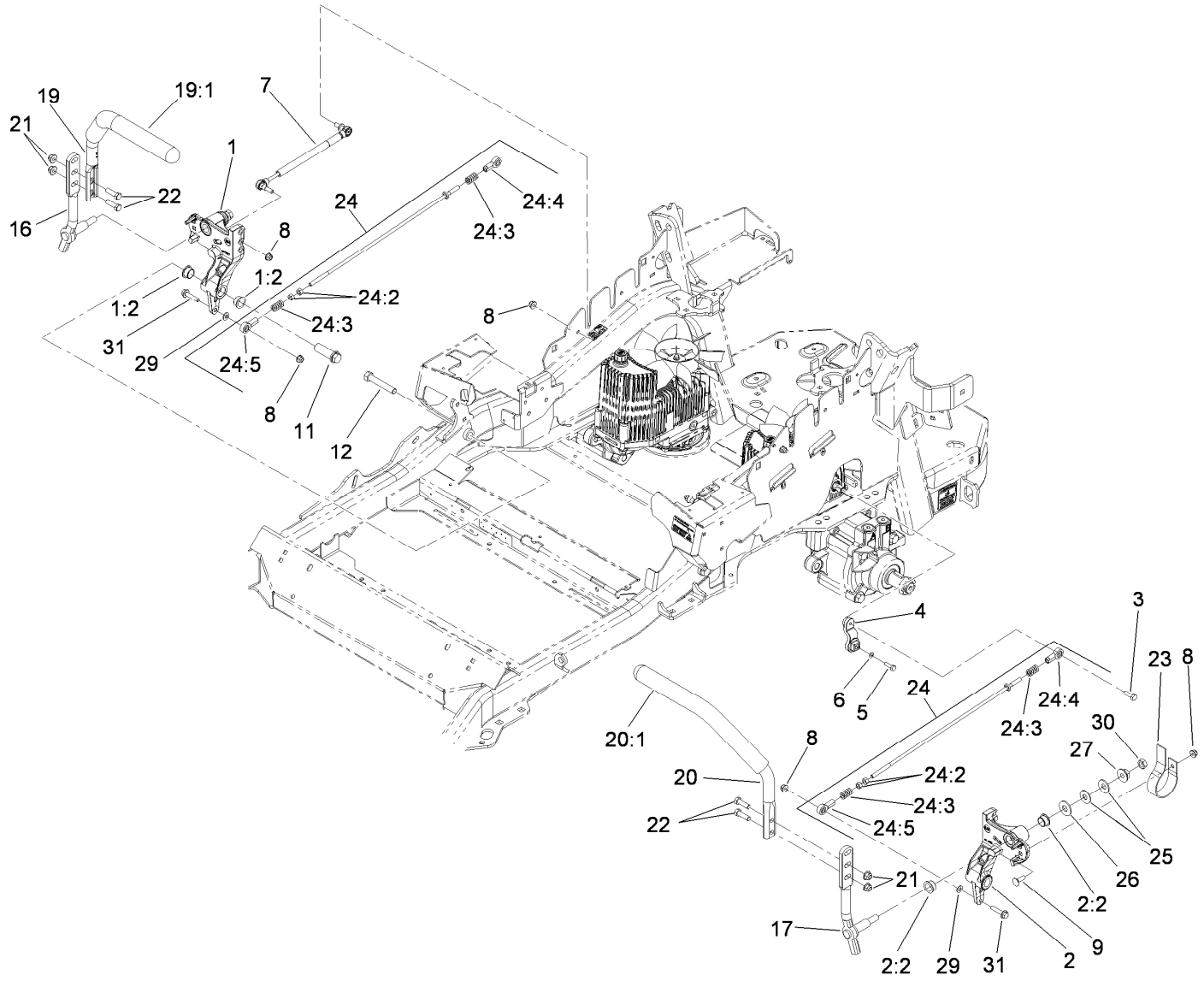
Height-of-Cut Assembly No. 109-7438

Ref.	*Part Number*	*Qty.*	*Description*
1	62-1330	1	Bolt-Shoulder
2	109-7130	1	Grommet
3	104-8301	1	Nut-Flange, NI
4	109-7124	1	Spring-Extension
5	109-7128	1	Rod-Lock, Transport
6	116-0118	1	Pawl-Transport, HOC
7	109-7335	1	HOC Plate ASM
7:2	116-0752	1	Decal-HOC
8	109-8250	1	Grip-Lever



Controls Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	109-8484	1	Console,Panel W/Decal
1:2	109-8483	1	Decal-Control Panel
1:3	109-7330	1	Decal-Fuse
2	109-8167	1	ASM, Choke Cable
3	116-1972	1	ASM,Throttle Cable
4	1-807513	4	Bolt-Carriage #10-24 X 1/2
5	3296-2	4	Nut-Nyloc #10-24
7	32105-15	4	Screw-Machine 1/4-20 X 3/4
8	116-1278	1	Console,RH As ASM
8:2	107069	4	Nut-Retainer-Panel 1/4-20
9	109-9457	1	Console, LH As
10	105-1853	1	Clamp-Hose
11	116-1875	1	Plug,Plastic

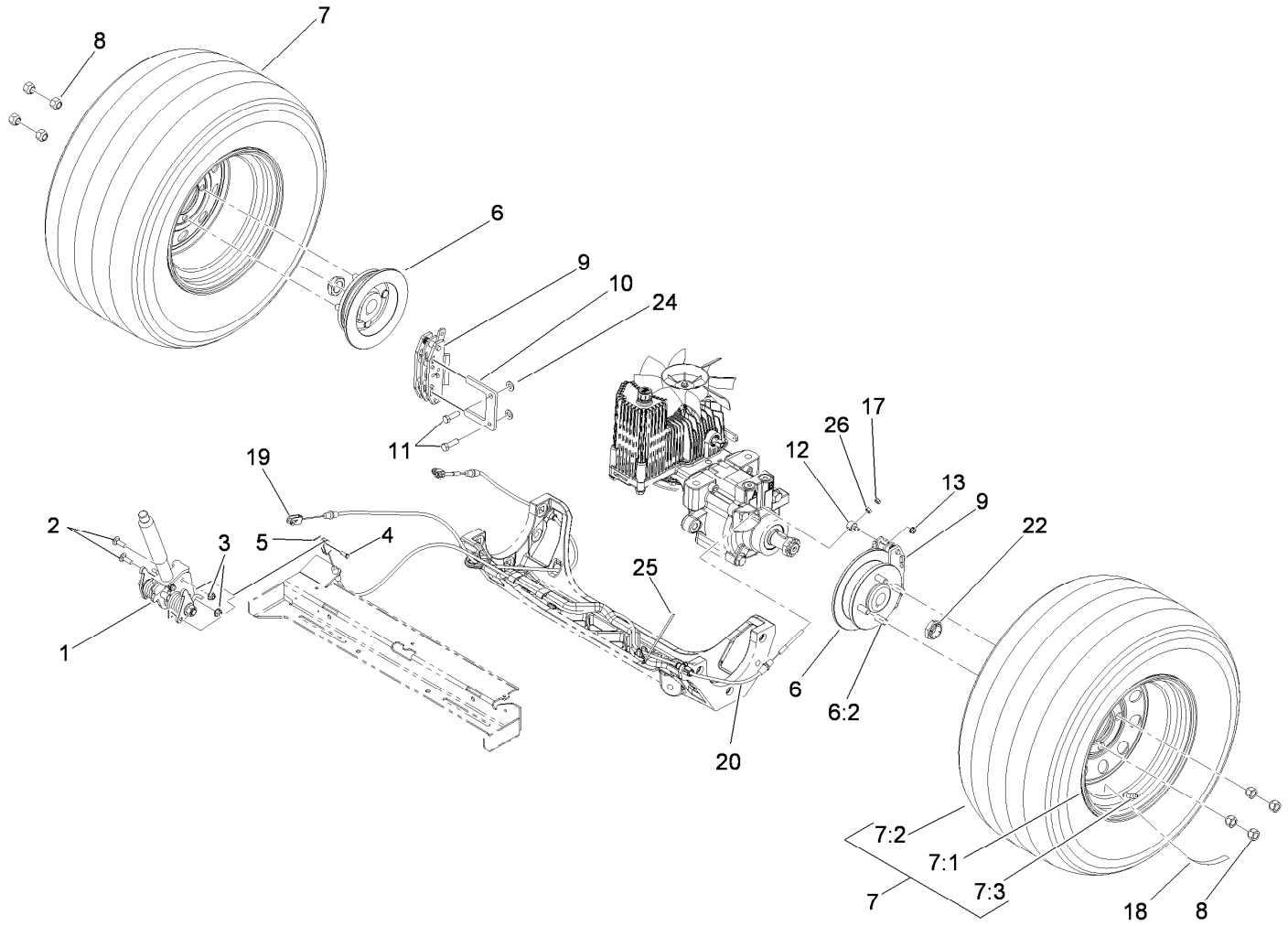


Motion Control Assembly

Ref.	Part Number	Qty.	Description
1	116-0880	1	RH Motion Control And Bushing ASM
1:2	109-8054	4	Bushing-Flanged
2	116-0881	1	LH Motion Control And Bushing ASM
2:2	109-8054	4	Bushing-Flanged
3	116-0648	2	Screw-HH 5/16-18 X 1 W/Patch ●
4	109-4581	2	Arm-Control, Pump
5	9080046	2	Screw-HH 1/4-20 X 7/8 ●
6	1-303435	2	Washer-Spring Disc 1/4
7	116-0027	2	Damper-Control, Motion
8	104-8300	8	Nut-Nyloc 5/16-18 Flg
9	3230-2	2	Bolt-Carriage 5/16-18 X 1
11	109-5891	2	Hub-Threaded
12	325-12	2	Screw-HH 1/2-13 X 3
16	116-0039	1	Lever-Control Motion, RH
17	116-0040	1	Lever-Control Motion, LH
19	109-6589	1	ASM,Steering Handle RH

Ref.	Part Number	Qty.	Description
19:1	109-5668	1	Grip,Control Lever
20	109-6590	1	ASM,Steering Handle LH
20:1	109-5668	1	Grip,Control Lever
21	104-8301	4	Nut-Nyloc 3/8-16 Flg
22	323-7	4	Screw-HH 3/8-16 X 1 1/4
23	109-5575	2	Spring-Leaf
24	109-8107	2	Pump Linkage Rear ASM
24:2	3219-2	2	Nut-Hex 5/16-24
24:3	1-323245	2	Spring-Compression
24:4	1-633152	1	Balljoint
24:5	1-543017	1	Balljoint
25	109-9505	4	Washer-Spring
26	3256-6	2	Washer
27	32128-56	2	Nut-Hex 1/2-13 Flange
29	3256-23	2	Washer-5/16 Sae
30	3218-5	2	Nut-Jam 1/2-13
31	115-1794	2	Screw-Hex Flange 5/16-18 X 1 1/2

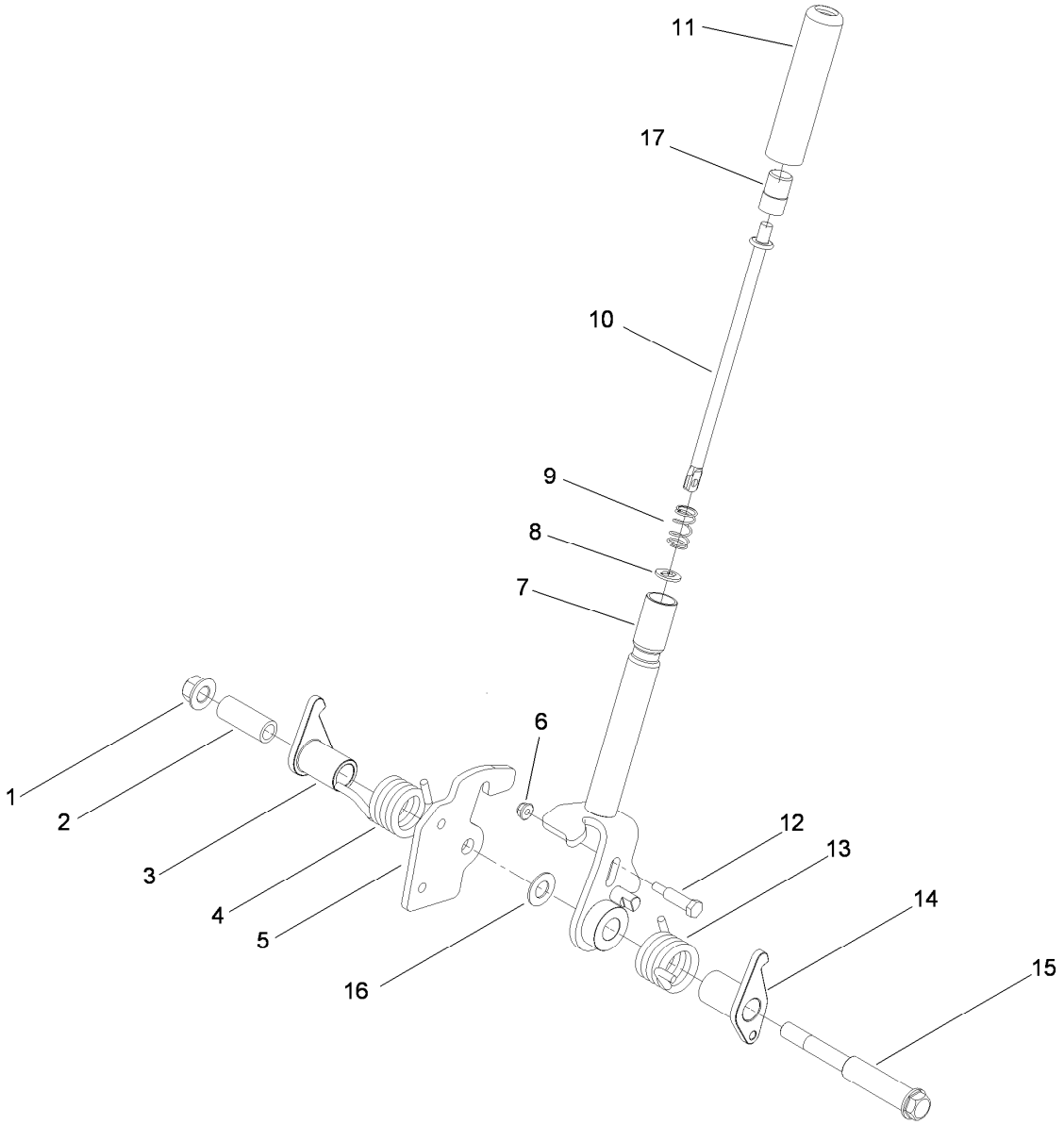
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Rear Wheel and Park Brake Assembly

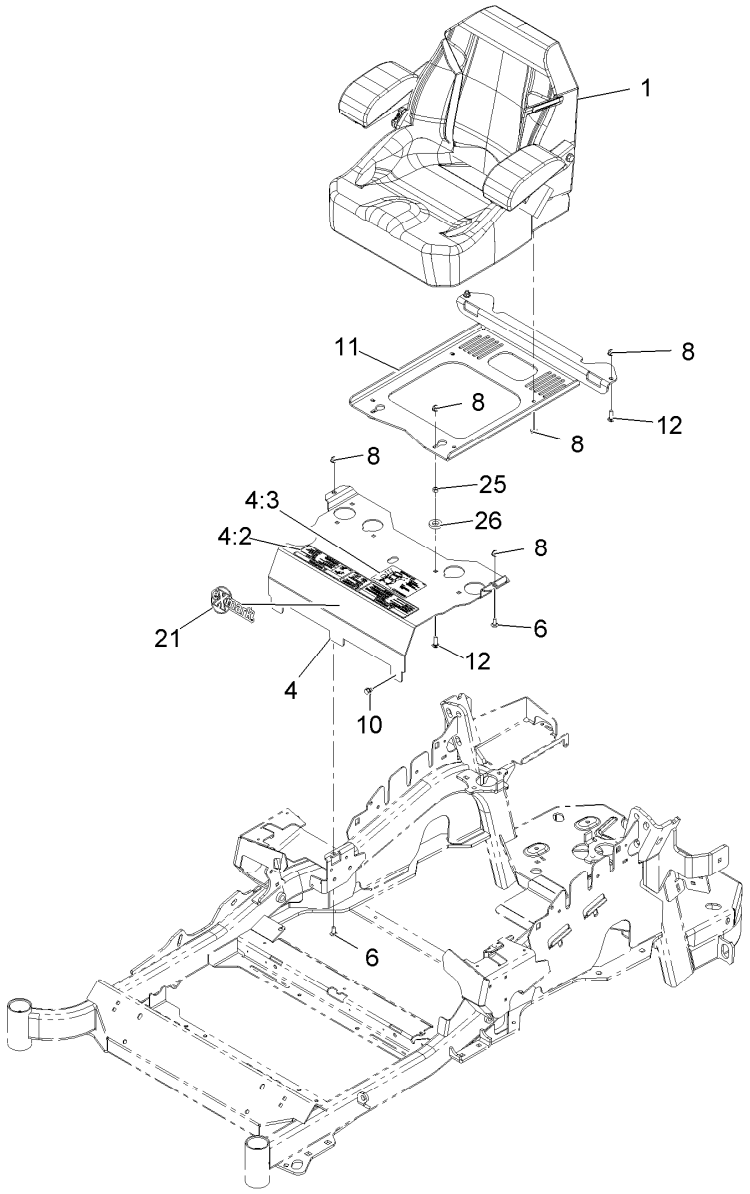
Ref.	*Part Number*	*Qty.*	*Description*
1	116-1878	1	Brake Handle ASM
2	3230-2	2	Bolt-Carriage 5/16-18 X 1
3	104-8300	2	Nut-Nyloc 5/16-18 Flg
4	60-1730	2	Pin-Clevis
5	3272-1	2	Pin-Cotter 1/16 X 1/2
6	116-1746	2	Wheel Hub ASM
6:2	116-1696	4	Stud-Wheel
7	115-3589	2	Wheel And Tire ASM
7:1	109-2875	1	Rim ASM
7:2	1-653160	1	Tire
7:3	232-27	1	Stem-Valve
8	242-50	8	Nut-Lug 1/2-20
9	109-2889	2	Caliper-Brake

Ref.	*Part Number*	*Qty.*	*Description*
10	109-0958	2	Plate-Mount, Brake
11	92-5727	4	Screw-HH 3/8-16 X 1 1/4 Patch Lock
12	112-8379	2	Swivel
13	104-7201	2	Nut-Nyloc 1/4-20 Flg
17	3296-13	2	Nut-Nyloc 1/4-28
18	116-2643	2	Decal-Wheel Nut Torque
19	115-3584	1	Cable
20	115-3585	1	Cable
22	116-1399	2	Locknut, Wheel Motor
24	3256-24	4	Washer-3/8 Sae
25	116-0940	1	Tie-Cable
26	3219-1	2	Nut-Hex 1/4-28



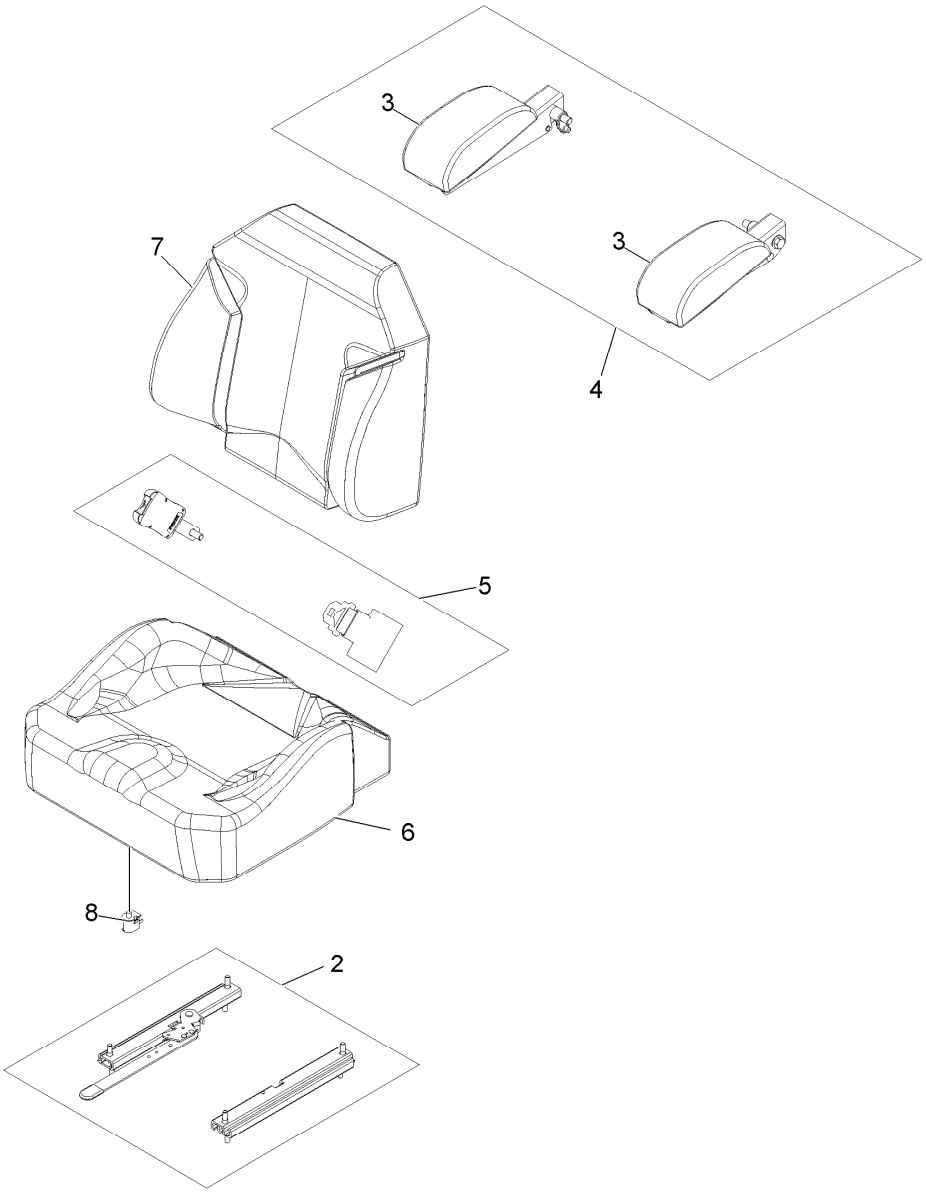
Brake Handle Assembly No. 116-1878

Ref.	*Part Number*	*Qty.*	*Description*
1	99-5107	1	Nut-Lock
2	117-0380	1	Spacer
3	115-3580	1	Arm-Brake, LH
4	117-0376	1	Spring-Torsion, RH
5	115-3574	1	Plate-Latch
6	104-7201	1	Nut-HF
7	116-1876-03	1	Brake Handle ASM
8	114-1207	1	Washer-Special
9	114-8187	1	Spring-Compression
10	115-3581	1	Rod-Release, Brake
11	115-3592	1	Grip
12	112-8387	1	Bolt-Shoulder
13	117-0375	1	Spring-Torsion, LH
14	115-3579	1	Arm-Brake, RH
15	117-0379	1	Bolt-Shoulder
16	3256-26	1	Washer-Flat
17	115-2750	1	Knob



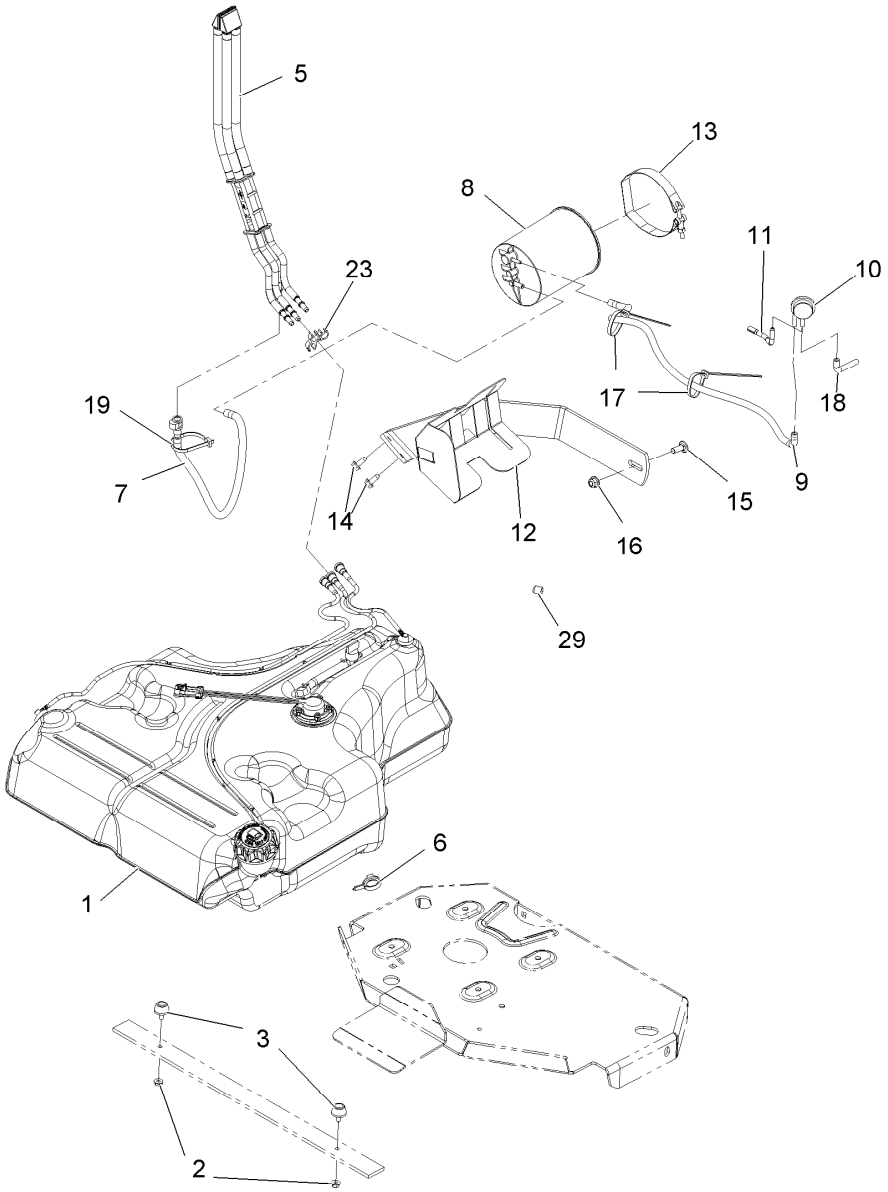
Seat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	116-4474	1	Seat,Exmark Standard Service
4	116-2323	1	Mount-Seat
4:2	109-7069	1	Decal-Console
4:3	116-0211	1	Decal-Service Aid
6	3230-23	2	Bolt-Carriage 5/16-18 X 3/4 Short Neck
8	104-8300	10	Nut-Nyloc 5/16-18 Flg
10	9266934	2	Screw-HWH 5/16 X 1/2 Tf
11	116-0192-03	1	Plate,Seat Support As
12	3230-22	4	Bolt-Carriage 5/16-18 X 1 Sp
21	103-2883	1	Decal,Exmark Logo
25	3217-6	2	Nut-Hex 5/16-18
26	1-323539	2	Spacer-Blade Drive



Seat W/Tracks Assembly No. 116-4474

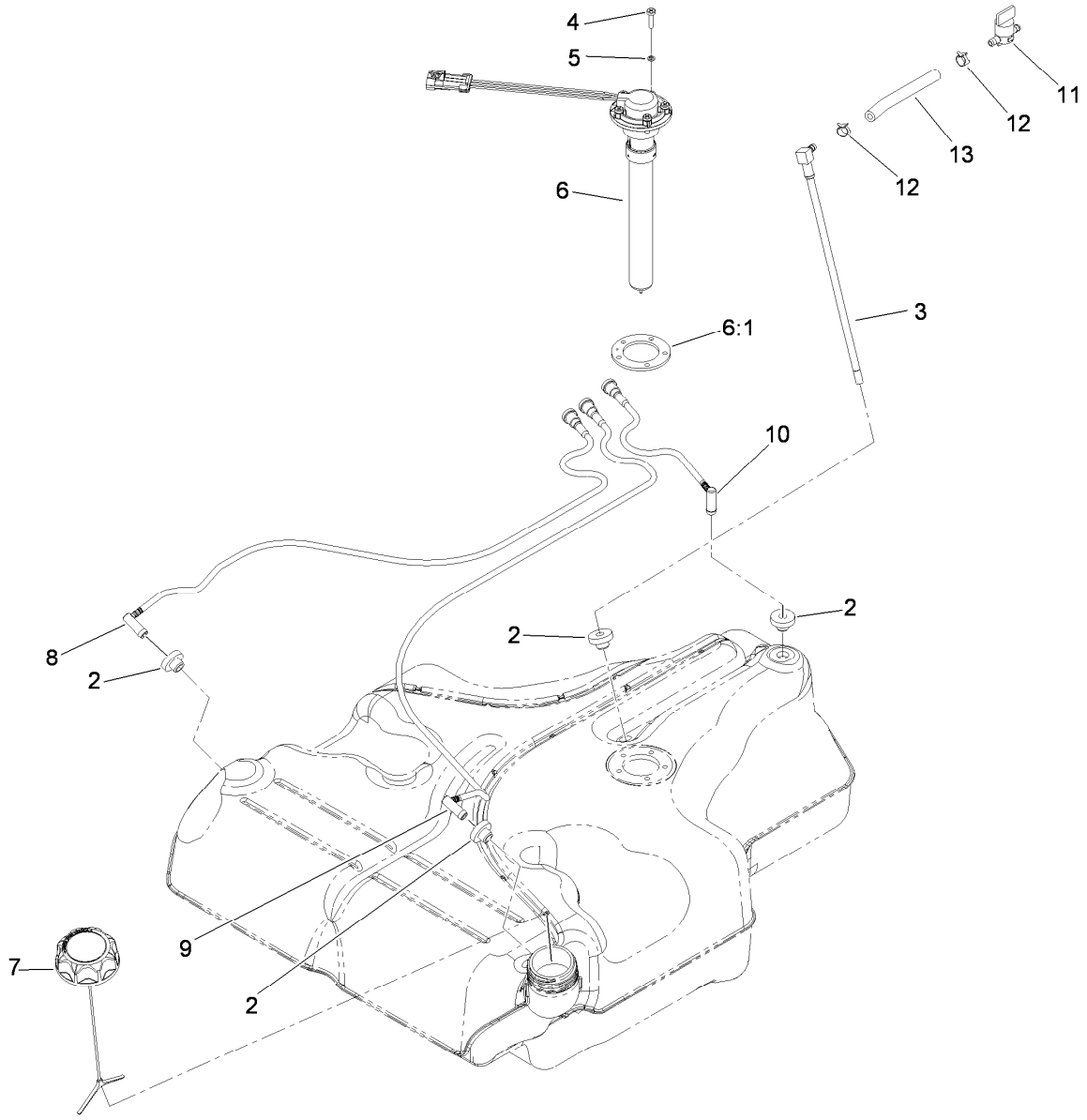
Ref.	*Part Number*	*Qty.*	*Description*
2	109-9801	1	Seat Track Set
3	109-9802	1	Arm Rest Pad Set
4	109-9803	1	Arm Rest Set
5	109-9805	1	Seat Belt Kit
6	116-4925	1	Cover,Cushion
7	116-4926	1	Cover,Back
8	82-2190	1	Switch



Fuel Tank Mounting Assembly

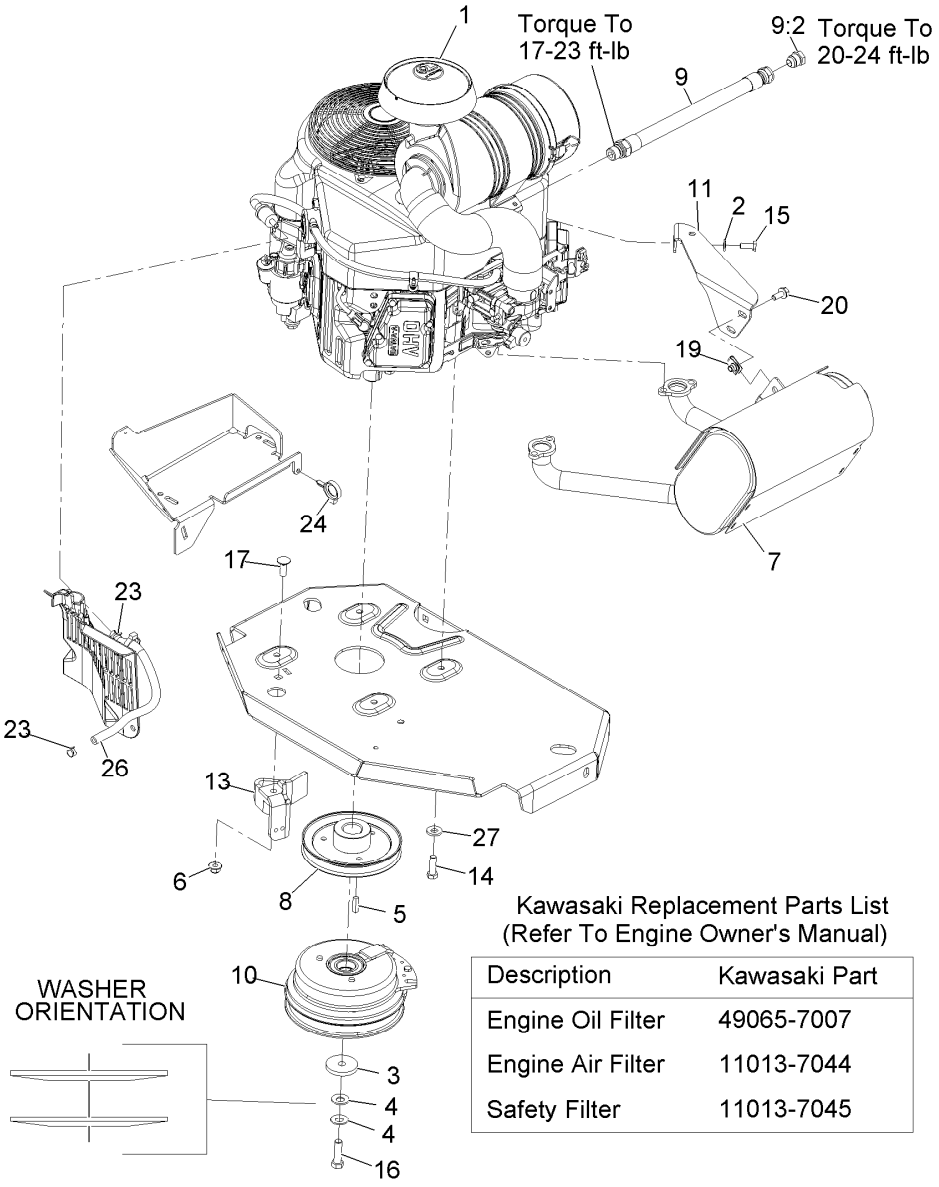
Ref.	Part Number	Qty.	Description
1	116-3979	1	Fuel Tank ASM
2	32128-33	2	Nut-Whizlock 1/4-20
3	109-2365	2	Rubber Bumper ASM (W/Stud)
5	109-9491	1	Fuel Manifold Vent ASM
6	105-1853	1	Clamp-Hose
7	116-1702	1	Vent Hose ASM
8	116-1442	1	Canister-Carbon, 1200Cc
9	116-2231	1	Formed-Hose
10	116-2232	1	Valve-Control, Vacuum
11	116-2394	1	Hose-Formed

Ref.	Part Number	Qty.	Description
12	116-1433-03	1	Mount-Canister
13	116-2228	1	Clamp-T-Bolt
14	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf
15	3231-22	1	Bolt-Carriage 3/8-16 X 1
16	104-8301	1	Nut-Nyloc 3/8-16 Flg
17	1-303335	2	Tie-Cable 7 15/16 (Large)
18	116-2233	1	Hose-Formed
19	1-303335	1	Tie-Cable 7 15/16 (Large)
23	116-3370	1	Clip-Spacer 1/2"
29	116-4464	1	Plug,Port



Fuel Tank Assembly No. 116-3979

Ref.	*Part Number*	*Qty.*	*Description*
2	46-6560	4	Bushing
3	116-2459	1	Fuel Line Kit (With Grommet)
4	9107944	5	Screw-Pan 10-24 X 3/4
5	3253-17	5	Washer-Lock 3/16
6	116-0003	1	Sender-Fuel Level
6:1	109-9620	1	Gasket-Sender, Fuel
7	116-1704	1	Cap-Fuel, Ratcheting
8	116-2460	1	RH Vent Line Kit (With Grommet)
9	116-2461	1	LH Vent Line Kit (With Grommet)
10	116-2462	1	Rear Vent Line Kit (With Grommet)
11	1-603770	1	Valve-Fuel
12	2412-98	2	Clamp-Hose
13	109-0650	1	Hose-Fuel



Kawasaki Replacement Parts List
(Refer To Engine Owner's Manual)

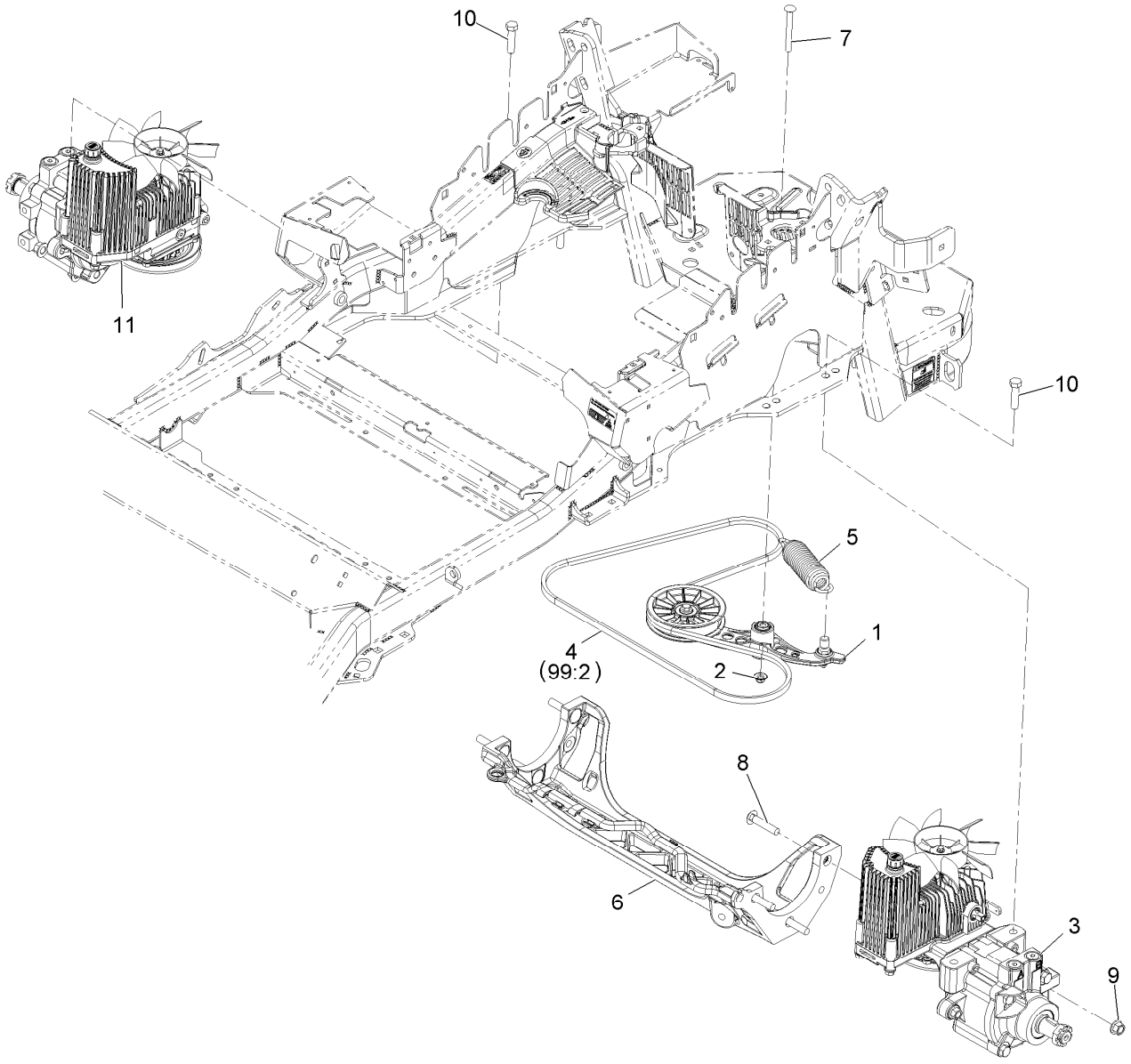
Description	Kawasaki Part
Engine Oil Filter	49065-7007
Engine Air Filter	11013-7044
Safety Filter	11013-7045

Engine Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Engine-Kawasaki, Fx691V-As00 ●■
2	1-303334	1	Washer-Spring Disc 5/16
3	109-6919	1	Washer-Clutch
4	1-603610	2	Washer-Spring Disc 7/16
5	1-807259	1	Key-Machine 1/4 X 1/4 X 1
6	104-8301	1	Nut-Nyloc 3/8-16 Flg
7	116-1715	1	Muffler
8	109-9905	1	Sheave
9	109-4490	1	Oil Drain Hose ASM ▲
9:2	109-1012	1	Plug
10	116-1620	1	Clutch Kit
11	116-1435	1	Bracket-Muffler

Ref.	*Part Number*	*Qty.*	*Description*
13	116-2612-01	1	Clutch-Anchor
14	323-7	4	Screw-HH 3/8-16 X 1 1/4
15	33114-020	1	Screw-HH M8-1.25 X 20Mm
16	109-9761	1	Screw-HH 7/16-20 X 1 1/2 W/Loctite ◆
17	3231-22	1	Bolt-Carriage 3/8-16 X 1
19	94-2413	2	U-Nut
20	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
23	2412-98	2	Clamp-Hose
24	105-1853	1	Clamp-Hose
26	109-0296	1	Hose-Fuel Line 15"
27	98-5975	4	Washer-Spring Disc 3/8

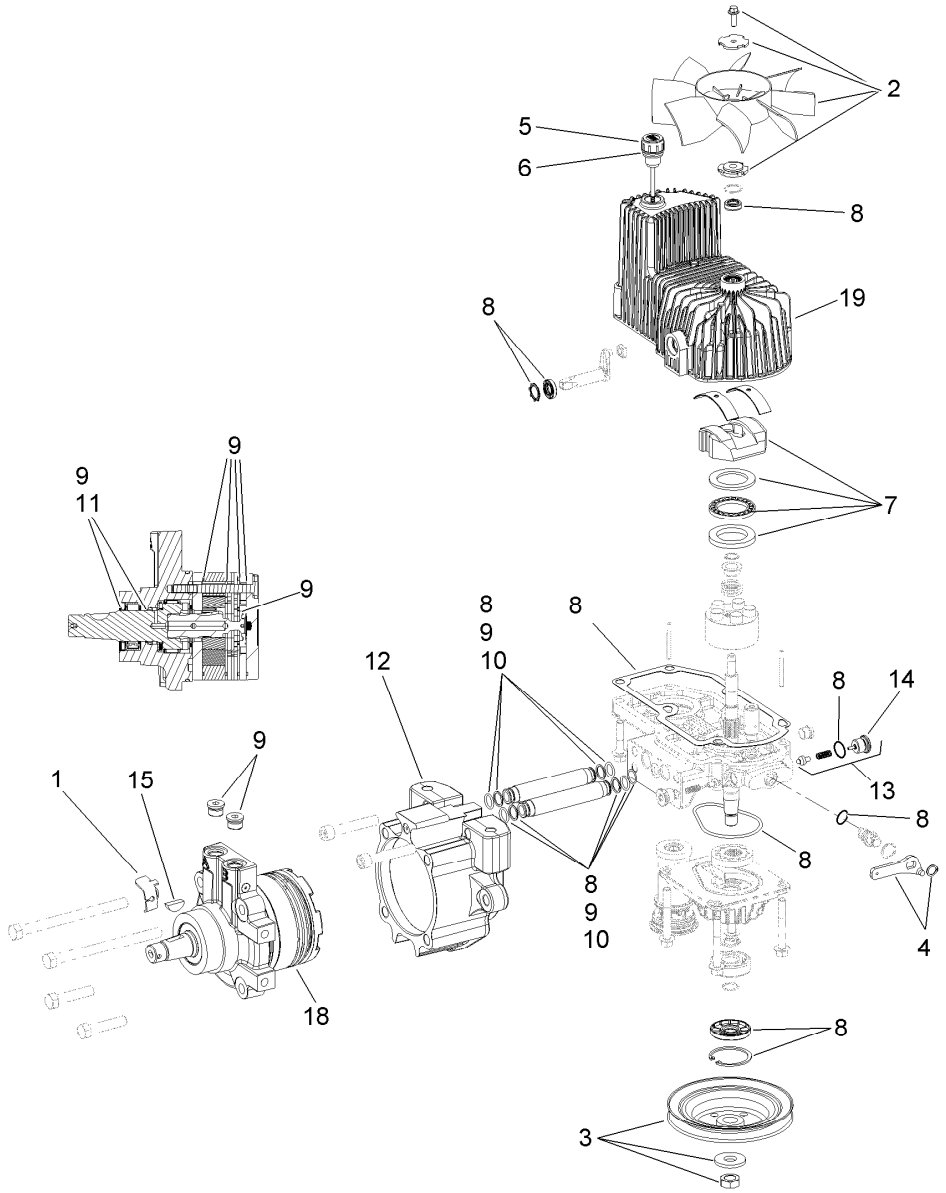
● Not serviced separately
▲ Use a Teflon Pipe Sealant or equivalent on threads.
◆ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.
■ Obtain parts from www.kawpowerepc.com



Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	116-1255	1	Pump Idler ASM
2	109-6658	1	Nut-Nyloc 3/8-16 Flg
3	116-1322	1	LH Hydro ASM (12Cc W/Check)
4	109-3388	1	Belt
5	116-0133	1	Extension-Spring
6	109-9375	1	Cradle-Hydro
7	116-1502	1	Bolt-Carriage Shoulder 3/8-16 X 3 1/2
8	3233-34	6	Bolt-Carriage 1/2-13 X 2 1/2
9	99-5107	6	Nut-Lock 1/2-13
10	325-8	4	Screw-HH 1/2-13 X 1 1/4
11	116-1323	1	RH Hydro ASM (12Cc W/Check)
99	109-9828	1	Bottle-Oil, 32Oz Hydraulic ●
99	116-0164	1	Filter-Hydro ●
99	116-1218	1	Bottle,Oil 1 Gallon Hydraulic ●
99	116-3270	1	Kit, Hydro Service ●
99:1	109-9828	4	Bottle-Oil, 32Oz Hydraulic ●
99:2	109-3388	1	Belt
99:3	116-0164	2	Filter-Hydro ●

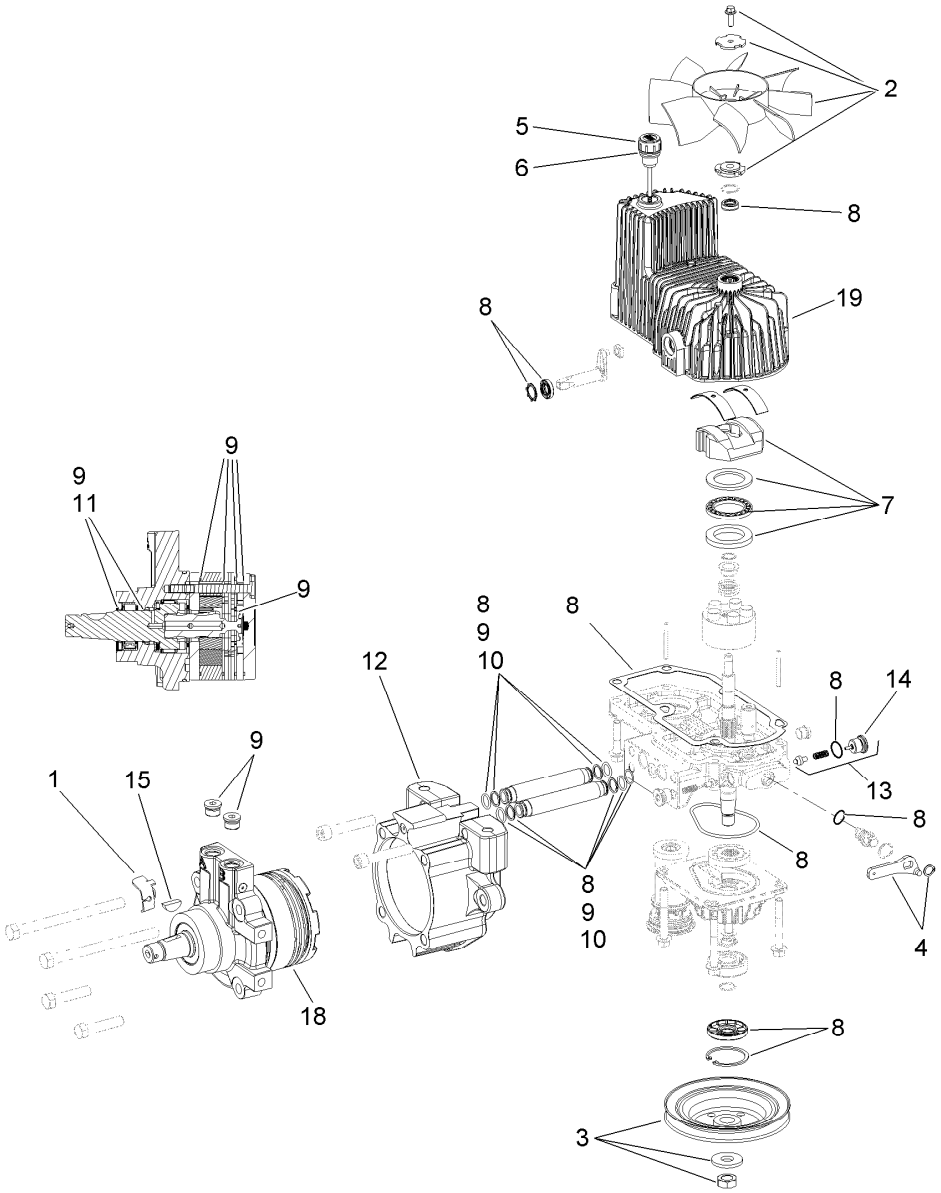
● Not illustrated



LH Hydro Assembly No. 116-1322

Ref.	Part Number	Qty.	Description
1	116-1758	1	Bracket-Anchor, Cable
2	116-0233	1	Fan Kit
3	116-0234	1	Pulley Kit
4	116-0235	1	Handle-Bypass Valve, Hydro
5	116-0236	1	Dipstick-Hydro W/Gasket
6	116-0237	1	Gasket-Dipstick, Hydro
7	116-1367	1	Swash Block Kit
8	116-1368	1	Pump Seal Kit
9	116-1369	1	Motor Seal Kit
10	116-1370	1	Tube Seal Kit
11	116-1371	1	Output Shaft Seal Kit
12	116-2992	1	Cup-Nose Hydro Dry
13	116-1630	1	Check Valve ASM
14	116-1631	1	Check Plug W/O-Ring
15	3257-42	1	Key-Woodruff 5/16 X 1
18	116-2988	1	Motor-Wheel LH Dry 240Cc
19	116-3287	1	Housing-LH
99	116-1373	1	Flow Test Kit ●

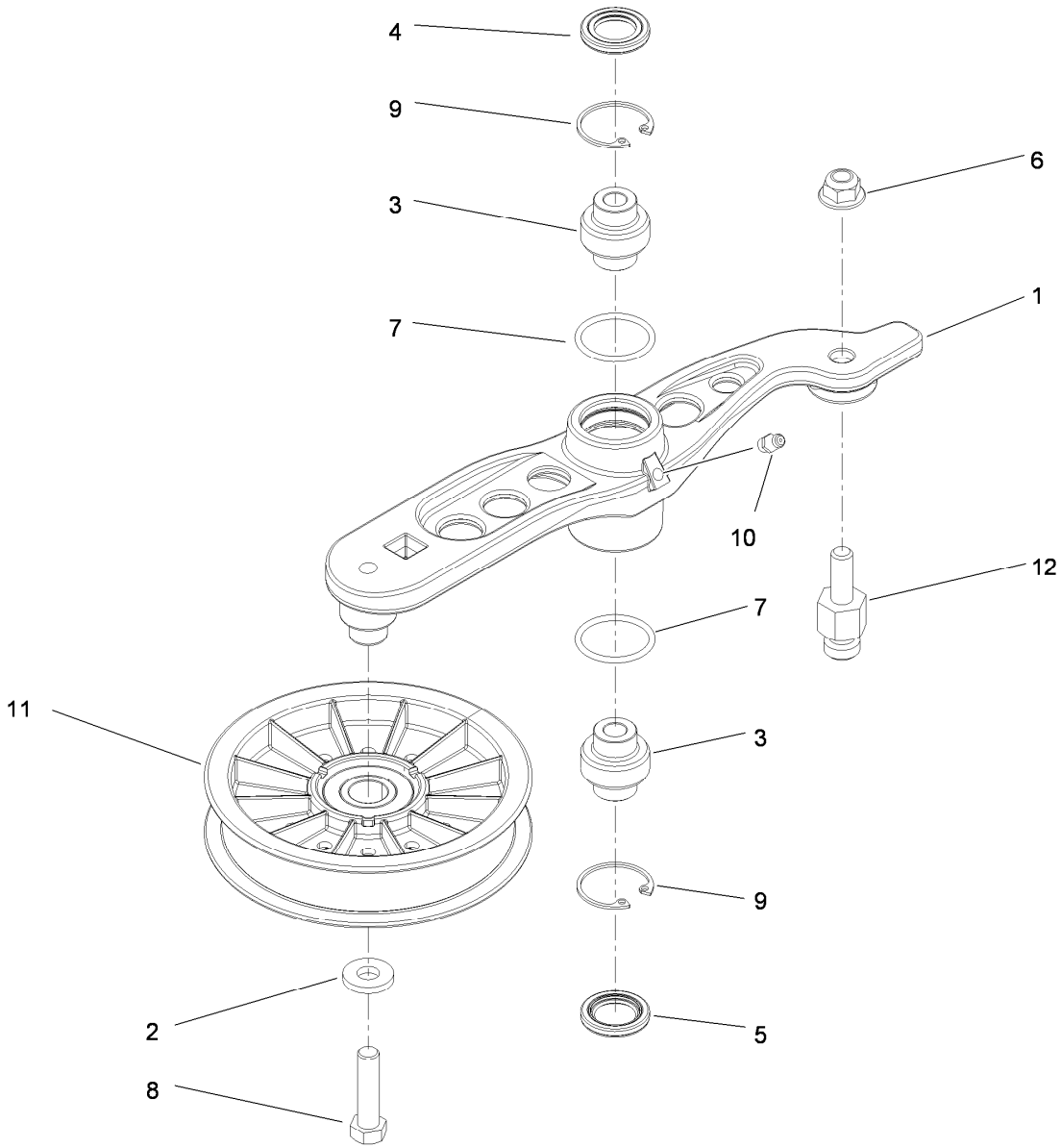
● Not illustrated



RH Hydro Assembly No. 116-1323

Ref.	Part Number	Qty.	Description
1	116-1758	1	Bracket-Anchor, Cable
2	116-0233	1	Fan Kit
3	116-0234	1	Pulley Kit
4	116-0235	1	Handle-Bypass Valve, Hydro
5	116-0236	1	Dipstick-Hydro W/Gasket
6	116-0237	1	Gasket-Dipstick, Hydro
7	116-1367	1	Swash Block Kit
8	116-1368	1	Pump Seal Kit
9	116-1369	1	Motor Seal Kit
10	116-1370	1	Tube Seal Kit
11	116-1371	1	Output Shaft Seal Kit
12	116-2992	1	Cup-Nose Hydro Dry
13	116-1630	1	Check Valve ASM
14	116-1631	1	Check Plug W/O-Ring
15	3257-42	1	Key-Woodruff 5/16 X 1
18	116-2989	1	Motor-Wheel RH Dry 240Cc
19	116-3288	1	Housing-RH
99	116-1373	1	Flow Test Kit ●

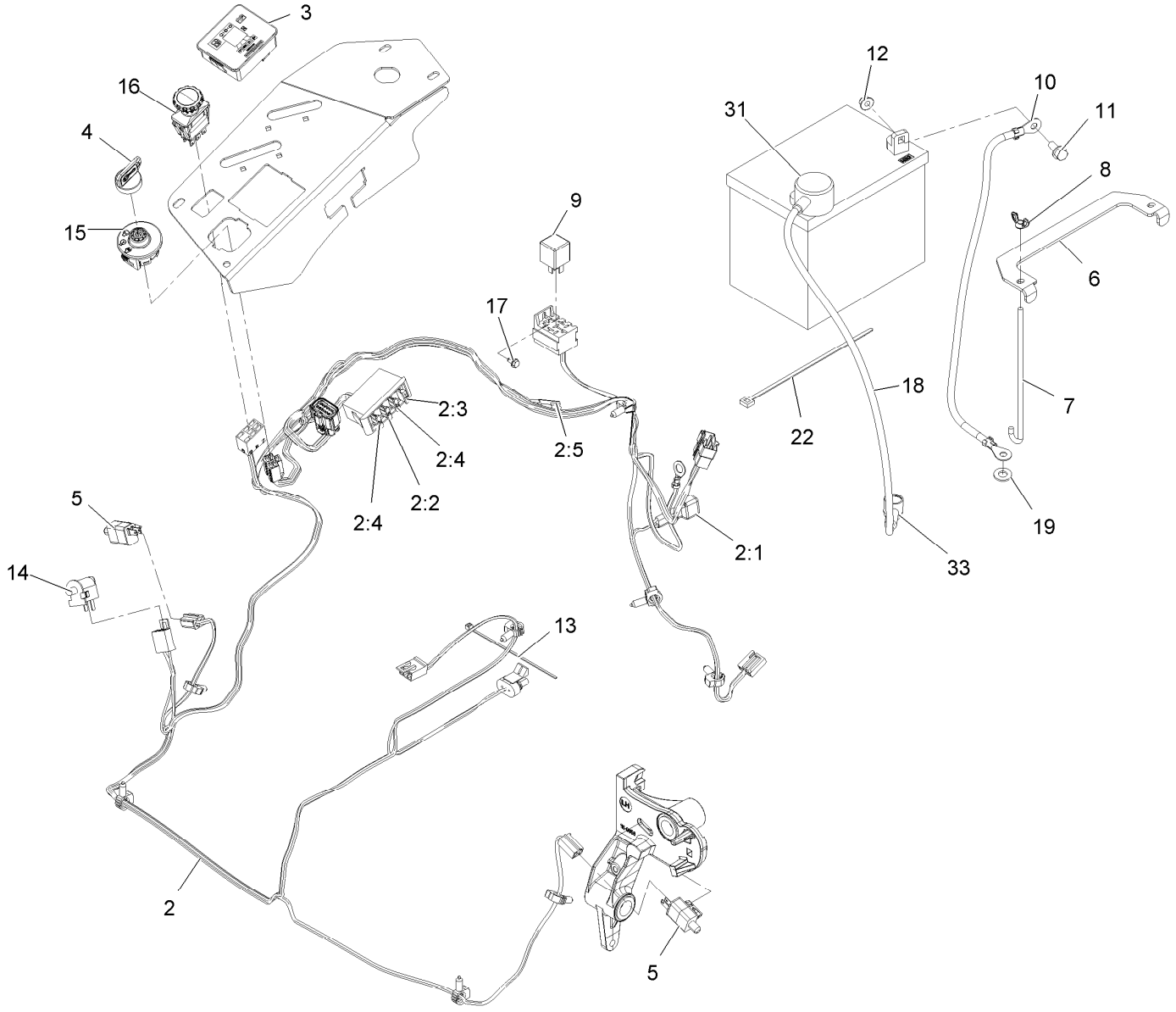
● Not illustrated



Pump Ilder Assembly No. 116-1255

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Arm-Pump, Idler ●
2	43-0940	1	Spacer-Hub, Blower
3	103-3504	2	Bearing-Spherical
4	103-3505	1	Seal-Double Lip
5	103-3506	1	Seal-Single Lip
6	109-6658	1	Nut-Nyloc 3/8-16 Flg
7	106-7159	2	O-Ring
8	323-8	1	Screw-HH 3/8-16 X 1 1/2
9	32120-10	2	Ring-Retaining
10	302-19	1	Zerk-1/4-28 Str
11	109-8076	1	Pulley-Idler
12	116-3467	1	Pin,Spring Anchor

● Not serviced separately



Electrical Assembly

Ref.	Part Number	Qty.	Description
2	115-2796	1	Harness-Wire, Main ●
2:1	103-3895	1	Diode-Tvs
2:2	218-578	1	Fuse-Blade, 10 Amp
2:3	109355	1	Fuse-Blade, 15 Amp
2:4	109102	2	Fuse-Blade, 25 Amp
2:5	116-0053	1	Cap-Plug
3	117-3882	1	Fuel/Hour Meter ASM
4	1-603511	1	Key-Ignition
4	103-2106	1	Key-Exmark Logo
5	110-6765	2	Switch-Single Pole No
6	116-0042-03	1	Strap-Tie Down, Battery
7	1-633651	2	Bolt-Holddown
8	1-543792	2	Wingnut-Nyloc 1/4-20
9	1-643275	1	Relay-12Vdc 40 Amp
10	114-1218	1	Cable-Battery, Negative
11	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
12	104-8300	2	Nut-Nyloc 5/16-18 Flg
13	1-303287	3	Tie-Cable 5 1/2 (Small)
14	82-2190	1	Switch
15	117-2221	1	Switch-Ignition
16	116-0124	1	Switch-PTO, 10A
17	104-2065	1	Screw-HWH #10-24 X 3/8
18	115-3864	1	Cable-Battery, Positive
19	3256-24	1	Washer-3/8 Sae
22	1-303335	1	Tie-Cable 7 15/16 (Large)
31	109-2407	1	Insulator-Battery
33	1-543393	1	Insulator-Solenoid

● Use dielectric grease on all wiring harness connectors.

Notes:

Notes:

Notes:

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