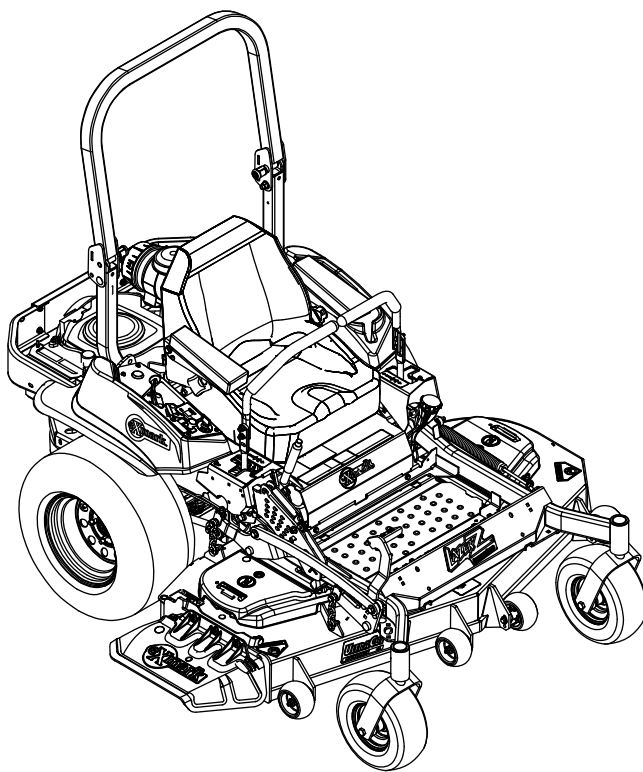




LAZER Z[®] S-SERIES

Model No. LZS29EKC724—Serial No. 920000 and Up

Picture below may not reflect actual product.



Parts Manual

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

List of Abbreviations

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

Touch Up Paint

Exmark black touch up spray paint – gloss black.

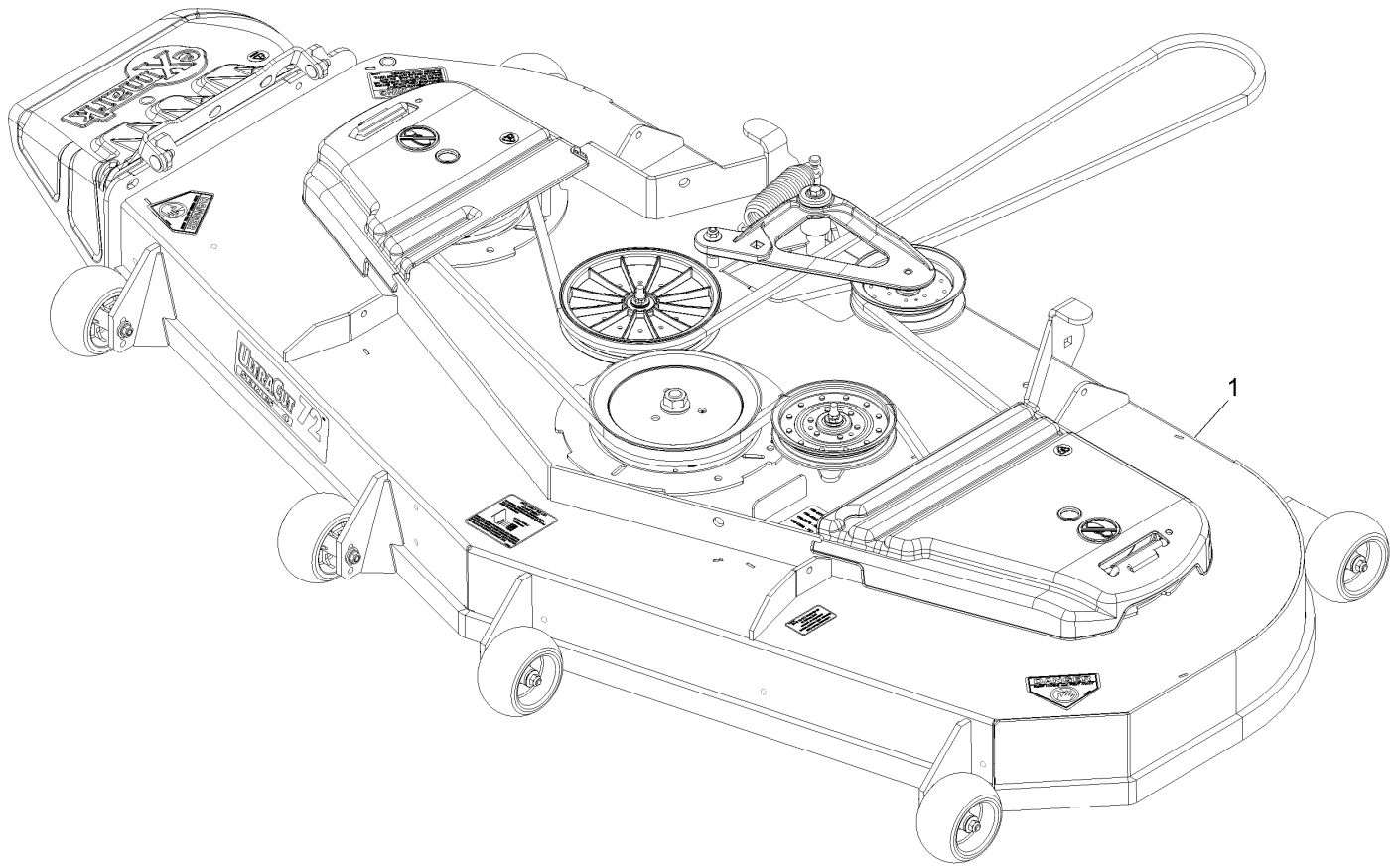
Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).



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.)

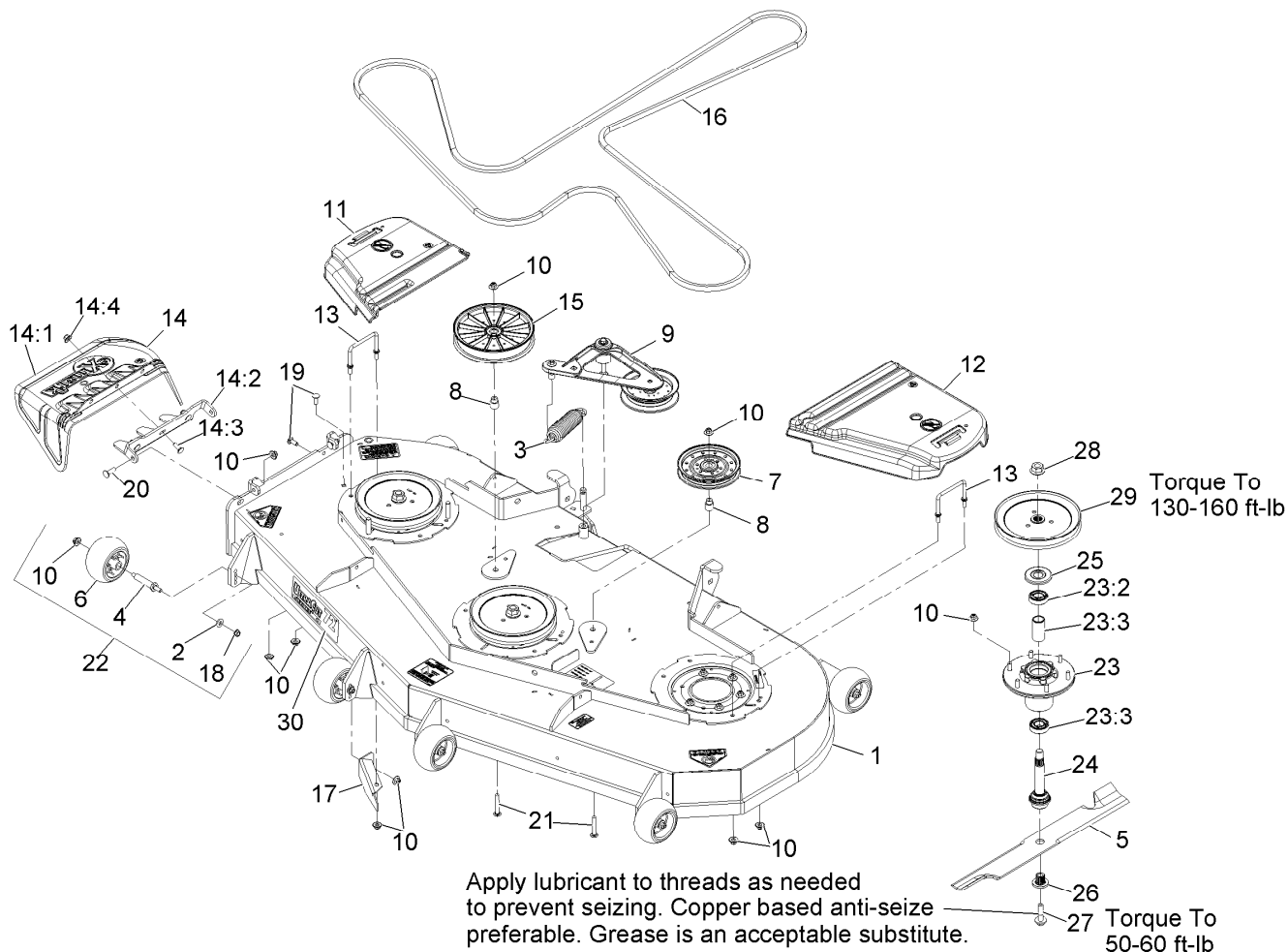
Contents

Complete Deck Assembly	4
Deck Assembly	5
Deck W/Decals Assembly No. 116-1665	6
Deck Idler Assembly No. 116-3755	7
Main Frame Assembly	8
Roll-Over Protection System Assembly No. 116-0230	9
Caster Wheel and Fork Assembly	10
Deck Lift Assembly	11
Height-of-Cut Assembly No. 109-7438	12
Controls Assembly	13
Motion Control Assembly	14
Rear Wheel and Park Brake Assembly	15
Brake Handle Assembly No. 116-1878	16
Seat Assembly	17
Seat W/Tracks Assembly No. 116-4474	18
Fuel Tank Mounting Assembly	19
Fuel Tank Assembly No. 116-3979	20
Engine Assembly	21
Hydraulic Assembly	22
Pump Idler Assembly No. 116-1255	23
LH Hydro Assembly No. 116-1324	24
RH Hydro Assembly No. 116-1325	25
Electrical Assembly	26



Complete Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-3600	1	ASM,724 Deck Complete

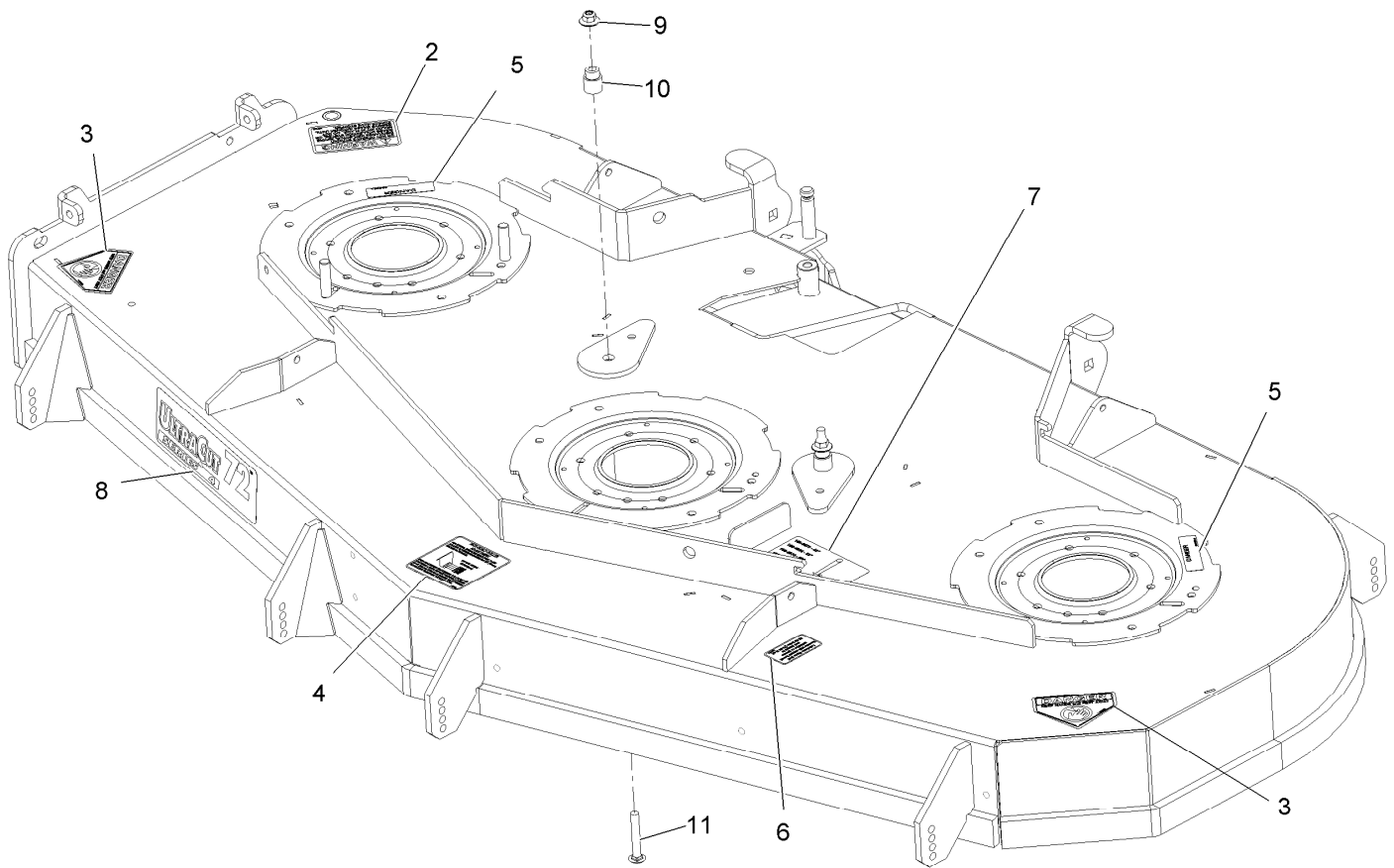


Deck Assembly

Ref.	Part Number	Qty.	Description
1	116-1665	1	ASM,Deck W/Decals 724
2	98-5975	6	Washer-Spring Disc 3/8
3	116-0133	1	Extension-Spring
4	99-2842	6	Spacer
5	103-6404	3	Blade, Notched 24.5 (.94 Hole)
5	103-6399	3	Blade, Extreme 24.5 (.94 Hole)
5	103-6394	3	Blade, Mulch 24.5 (.94 Hole) ●
5	103-6389	3	Blade, Low Lift 24.5 (.94 Hole)
5	103-6384	3	Blade, Solid 24.5 (.94 Hole)
6	1-603299	6	Roller-Scalp, Anti
7	1-633109	1	Idler-Flat
8	1-633456	2	Bushing,Idler
9	116-3755	1	Deck Idler ASM
10	109-6658	34	Nut-Nyloc 3/8-16 Flg
11	116-0094	1	Cover-Belt, RH
12	109-6938	1	Cover-Belt, LH
13	109-6982	2	Wireform-Cover
14	109-7188	1	ASM,Discharge Chute
14:1	109-2738	1	Chute,Discharge

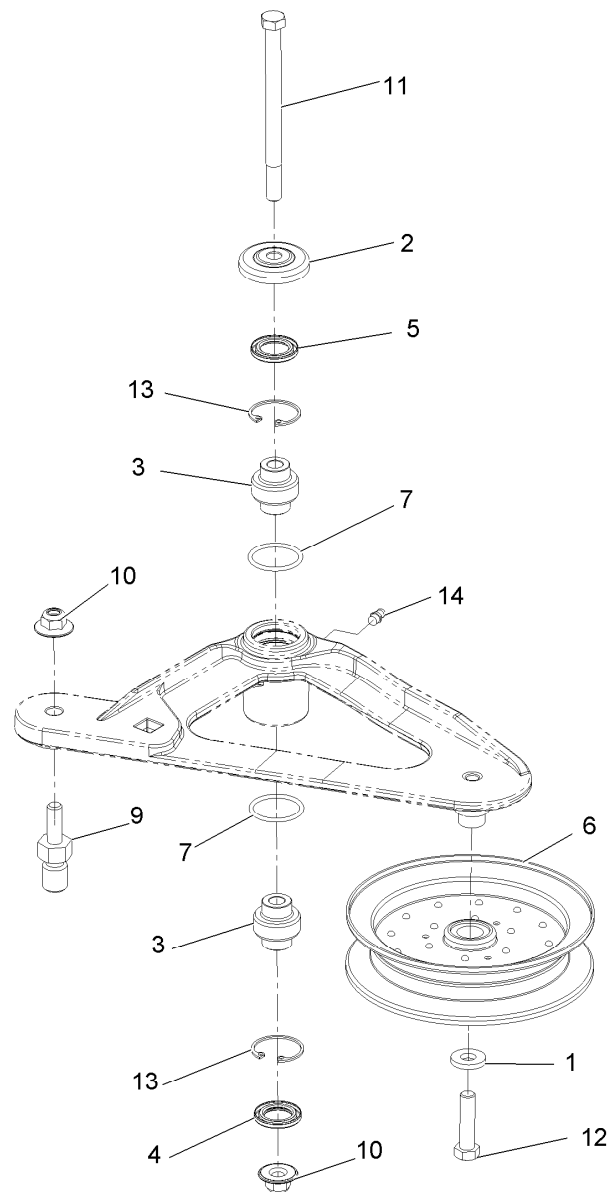
Ref.	Part Number	Qty.	Description
14:2	109-8675-01	1	Bracket,Discharge Chute
14:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
14:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
15	109-0996	1	Pulley,Idler 8"flat
16	109-9023	1	Belt,V-5V X 219.00"
17	109-9695-01	1	Baffle,Discharge 726
18	3290-357	6	Nut-Whizlock 3/8-16
19	3231-22	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	6	Kit,Anti-Scalp Roller
23	116-3344	3	ASM-Cutter Hsg With Bearings
23:2	116-0720	2	Bearing-Ball
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	116-1377	3	Sheave,Blade Drive 8.74
30	116-0944	1	Decal,Ultracut 72 Series 4

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



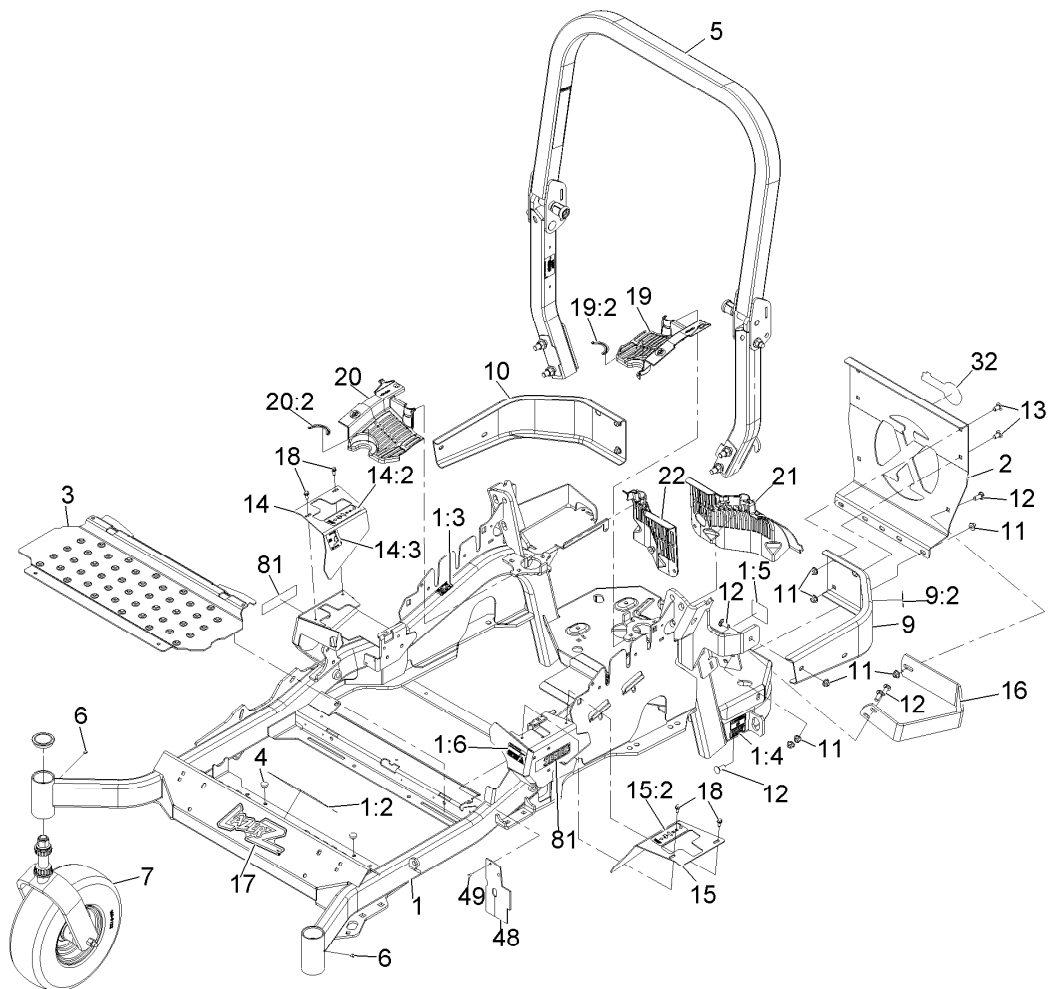
Deck W/Decals Assembly No. 116-1665

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	116-0944	1	Decal,Ultracut 72 Series 4
9	109-6658	2	Nut-Nyloc 3/8-16 Flg
10	1-633456	2	Bushing,Idler
11	3231-44	2	Bolt-Carriage 3/8-16 X 2 1/2



Deck Idler Assembly No. 116-3755

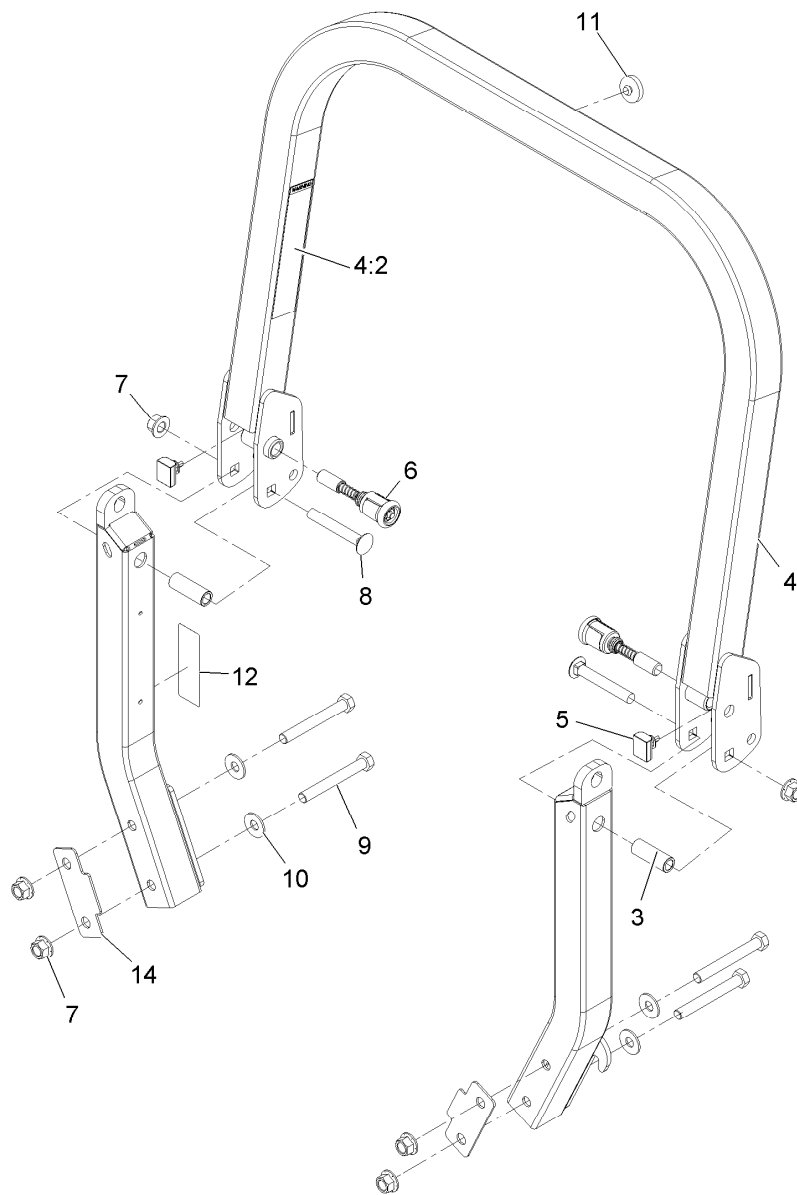
Ref.	Part Number	Qty.	Description
1	43-0940	1	Spacer
2	103-2916	1	Guard-Top
3	103-3504	2	Bearing-Spherical
4	103-3505	1	Seal-Double Lip
5	103-3506	1	Seal-Single Lip
6	103-8743	1	Pulley-Idler, Flanged
7	106-7159	2	O-Ring
9	116-3467	1	Pin-Spring, Anchor
10	109-6658	2	Nut-Nyloc 3/8-16 Flg
11	109-7409	1	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

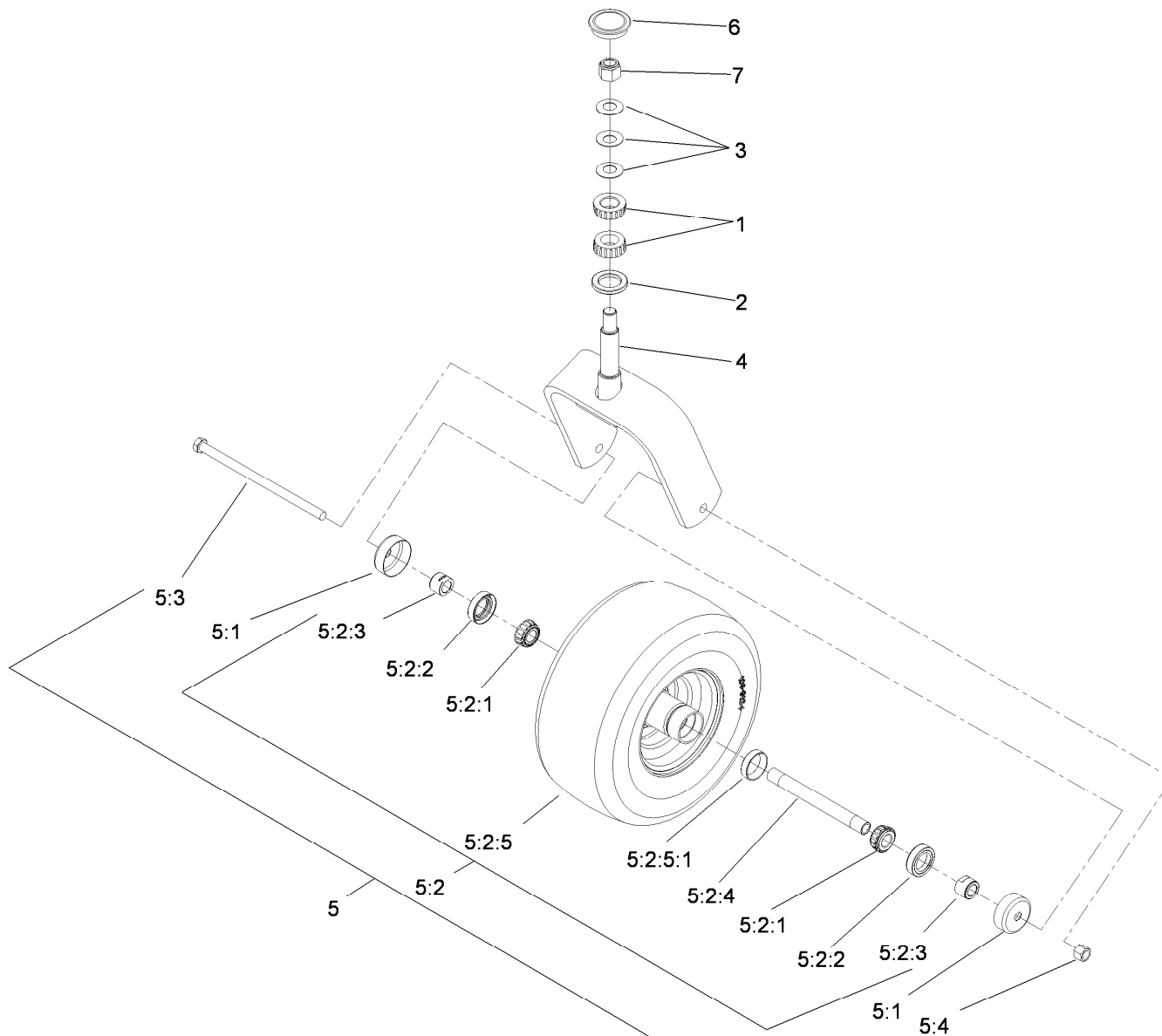
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-2128	1	Main Frame ASM	14:2	109-7232	1	Decal-Motion Control
1:2	103-2076	2	Decal-Caution	14:3	109-7929	1	Decal-Park Brake
1:3	116-3303	1	Decal-Slope	15	116-0580	1	LH Motion Control Cover ASM
1:4	116-0205	2	Decal-Belt Drive	15:2	109-7232	1	Decal-Motion Control
1:5	116-4858	1	Decal-Spark Arrester	16	116-0043-03	1	Guard-Muffler
1:6	116-1654	1	Decal-Fuel Fill	17	103-3113	1	Decal,Lazer Model
2	109-8863-03	1	Plate,Rear Guard	18	32144-10	4	Screw-HWH 1/4-20 X .62
3	116-0024-01	1	Floorpan	19	116-0170	1	LH Hydro Guard ASM
4	1-513658	2	Bumper	19:2	116-0157	1	Decal-Hydro Oil
5	116-0230	1	ASM,ROPS Service Exmark	20	116-0171	1	RH Hydro Guard ASM
6	1-811010	2	Plug	20:2	116-0157	1	Decal-Hydro Oil
7		2	Caster Wheel ASM ●	21	109-9057	1	Guard-Hydro, Rear LH
9	116-0180	1	LH Bumper ASM	22	109-9058	1	Guard-Hydro, Rear RH
9:2	103-2076	1	Decal-Caution	32	103-2883	1	Decal,Exmark Logo
10	116-0057-03	1	Bumper-RH	48	116-2362	1	Deflector-Air Flow
11	104-8301	11	Nut-Nyloc 3/8-16 Flg	49	1-803035	2	Rivet 3/16 X 1/4
12	3231-22	7	Bolt-Carriage 3/8-16 X 1	81	116-3884	2	Decal-S-Series
13	3231-21	4	Bolt-Carriage 3/8-16 X 3/4				
14	116-0579	1	RH Motion Control Cover ASM				

● 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



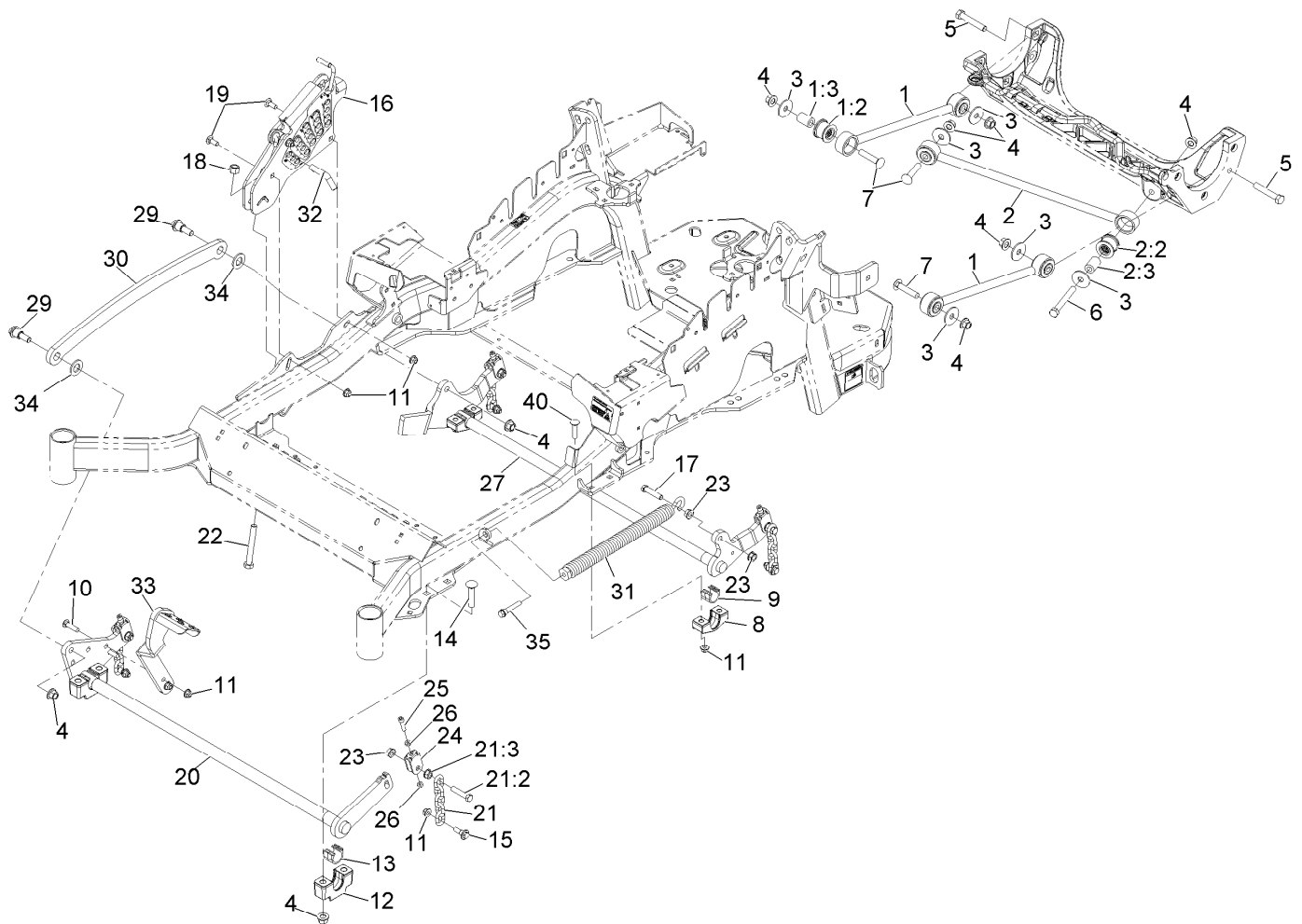
Caster Wheel and Fork Assembly

Ref.	Part Number	Qty.	Description
1	1-543509	2	Cone-Bearing Tapered Roller
2	1-543511	1	Seal-Grease
3	1-633508	3	Washer-Spring Disc
4	103-1474-01	1	Caster-Fork
5	109-9127	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

Ref.	Part Number	Qty.	Description
5:2:2	103-0063	2	Seal-Double Lip
5:2:3	103-3051	2	Spacer-Nut ■
5:2:4	103-5156	1	Axle-Caster
5:2:5	109-9124	1	Wheel And Tire ASM
5:2:5:1	1-633584	1	Bearing-Cup
5:3	325-39	1	Screw-HH 1/2-13 X 9 1/2
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

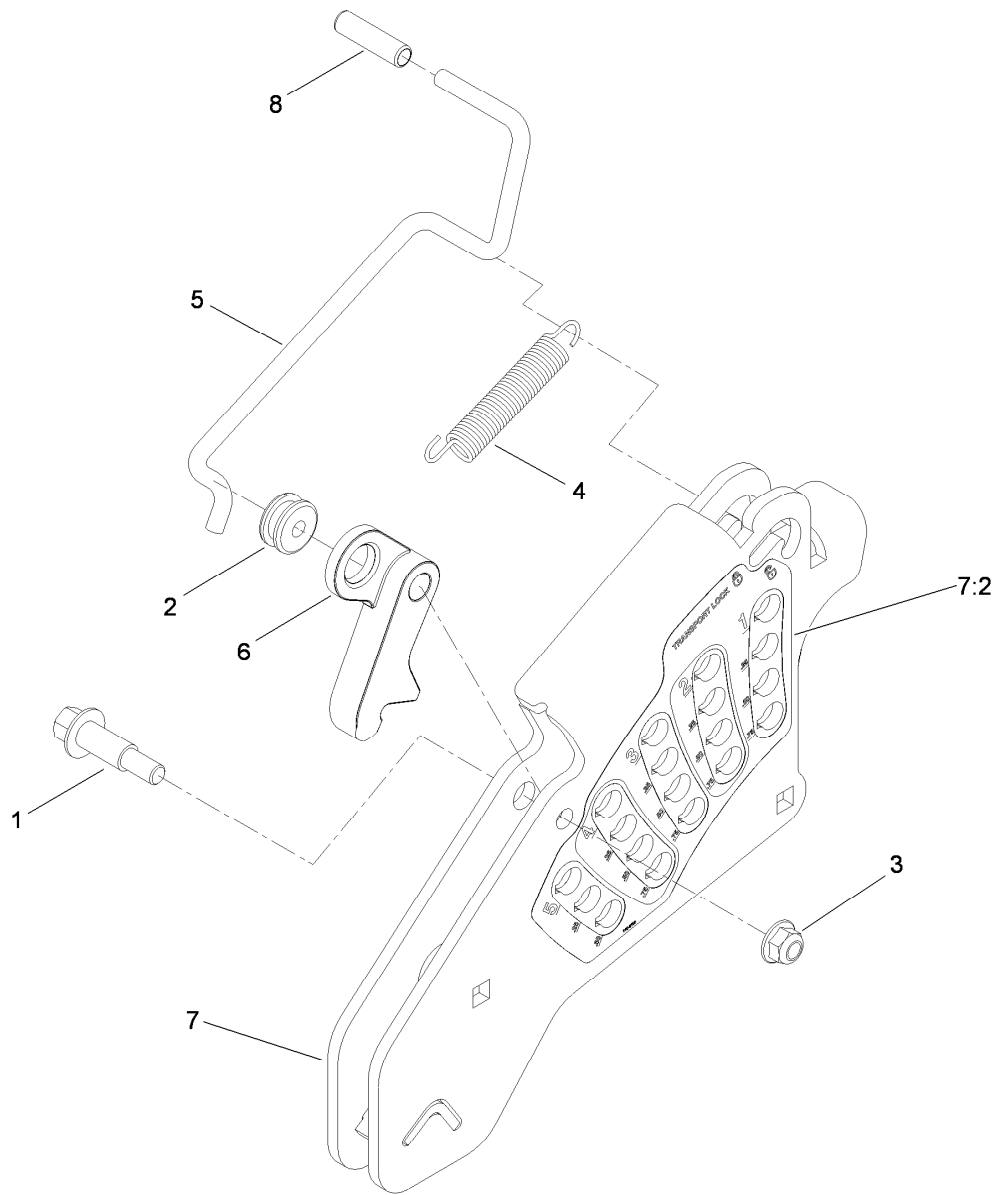
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Deck Lift Assembly

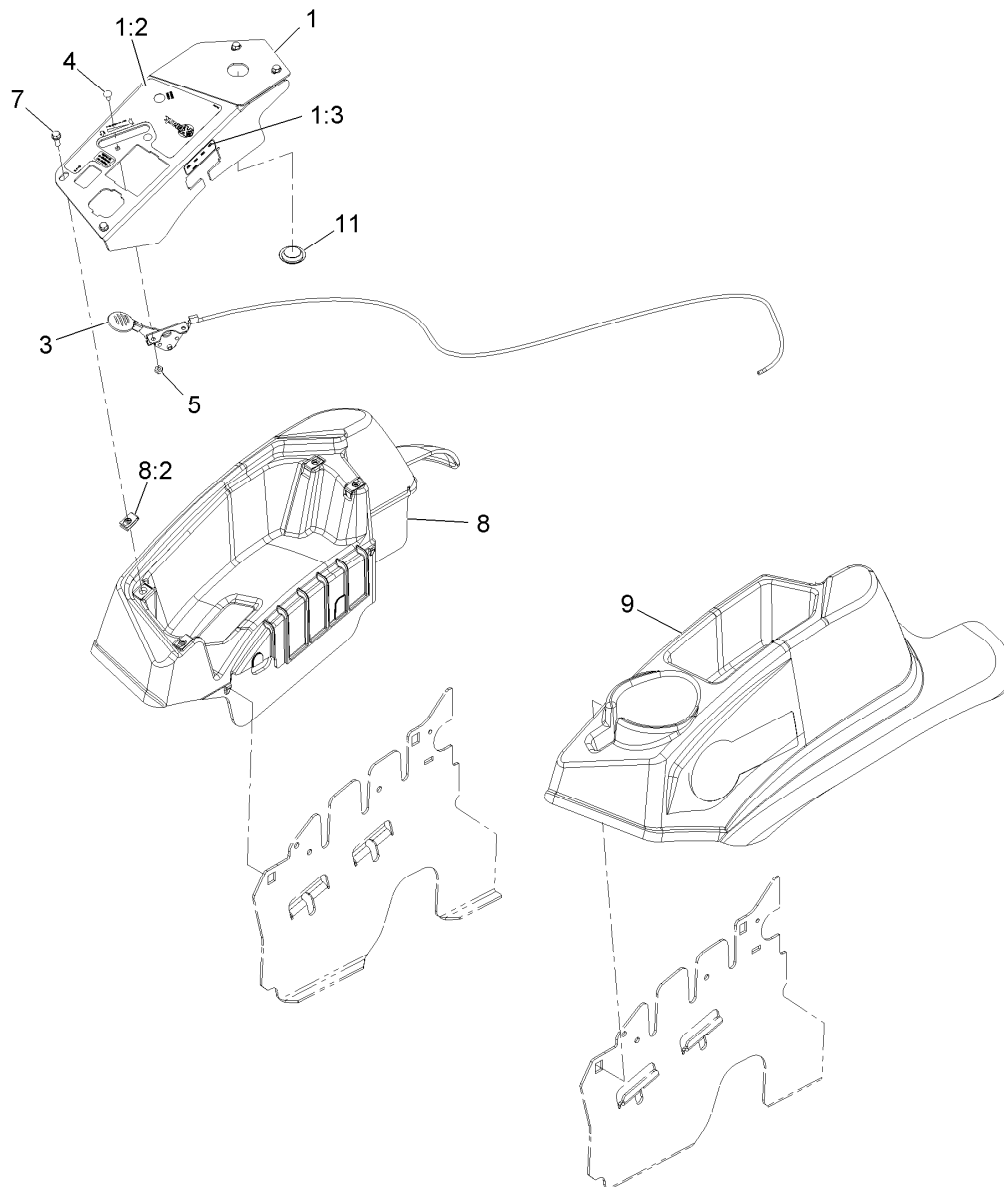
Ref.	Part Number	Qty.	Description
1	109-7952	2	Deck Strut ASM
1:2	109-5009	2	Bushing-Suspension, Rubber
1:3	109-5010	2	Spacer
2	109-5013	1	Panhard Rod ASM
2:2	109-5009	2	Bushing-Suspension, Rubber
2:3	109-5010	2	Spacer
3	86-1990	6	Washer
4	99-5107	12	Nut-Lock 1/2-13
5	325-12	2	Screw-HH 1/2-13 X 3
6	325-17	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-Cross Shaft, Rear Bearing
9	109-7173	2	Bearing-Cross Shaft, Rear
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, Front Bearing
13	109-9410	2	Bearing-Cross Shaft, Front
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	HOC 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	Front Cross Shaft 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	116-0000	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



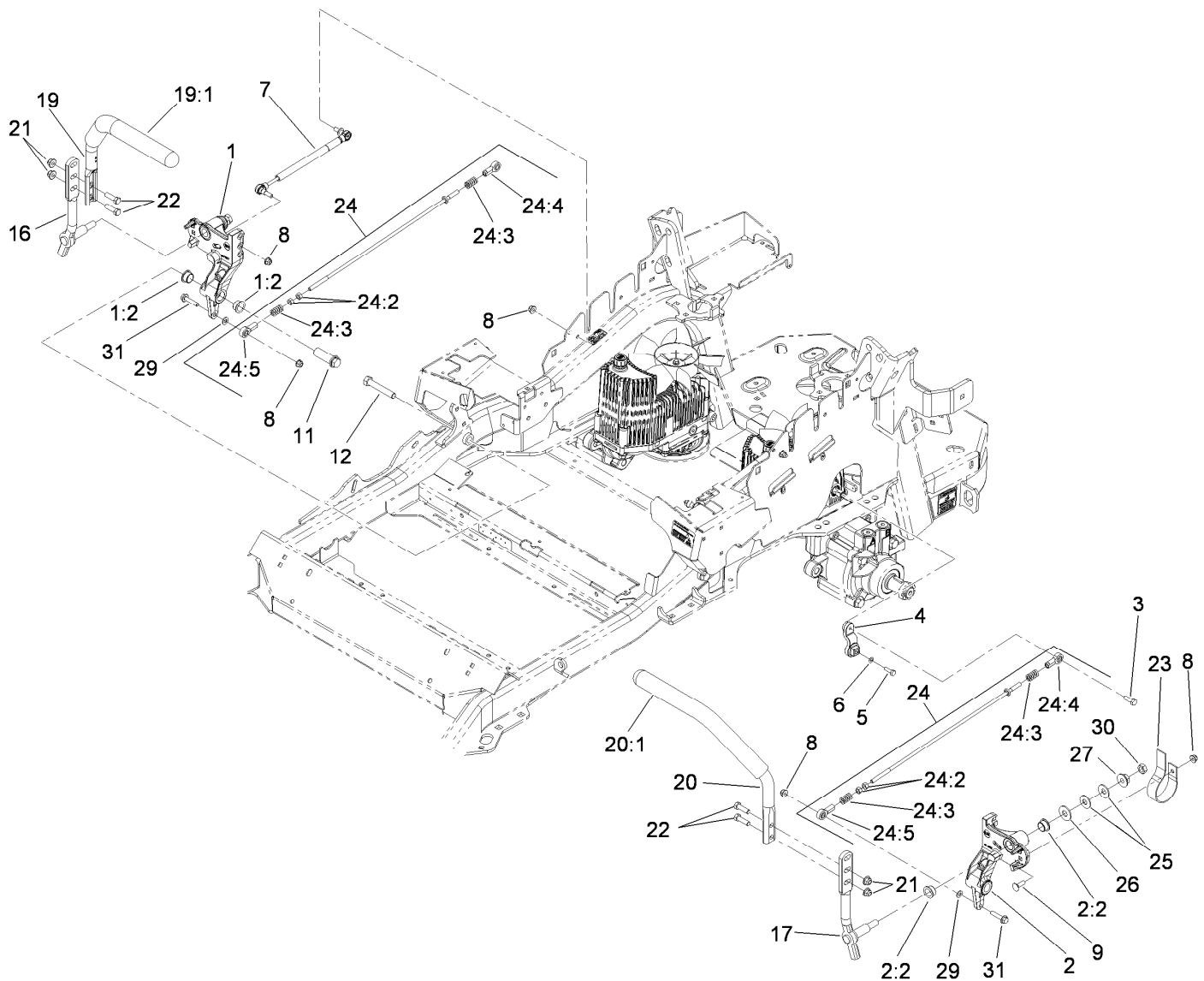
Height-of-Cut Assembly No. 109-7438

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

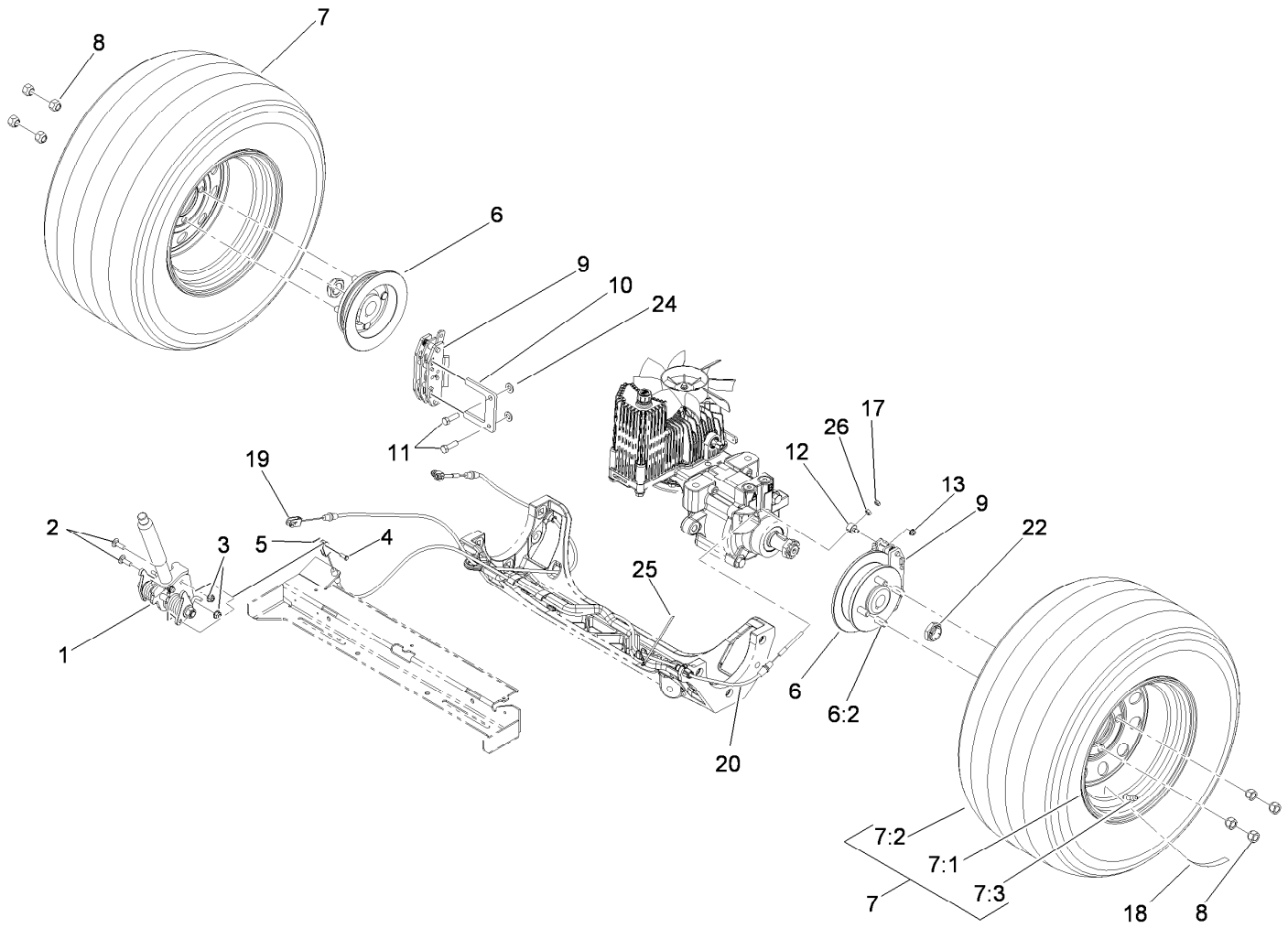
Ref.	Part Number	Qty.	Description
1	116-2845	1	ASM,Control Panel W/Decal
1:2	116-2844	1	Decal,Control Panel Efi
1:3	109-7330	1	Decal-Fuse
3	116-0969	1	ASM,Throttle Cable
4	1-807513	2	Bolt-Carriage #10-24 X 1/2
5	3296-2	2	Nut-Nyloc #10-24
7	32105-15	4	Screw-Machine 1/4-20 X 3/4
8	116-1278	1	Console,RH As ASM
8:2	107069	4	Nut-Retainer-Panel 1/4-20
9	109-9457	1	Console, LH As
11	116-1875	1	Plug,Plastic



Motion Control Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-0880	1	RH Motion Control And Bushing ASM	19:1	109-5668	1	Grip-Control, Lever
1:2	109-8054	4	Bushing-Flanged	20	109-6590	1	LH Steering Handle ASM
2	116-0881	1	LH Motion Control And Bushing ASM	20:1	109-5668	1	Grip-Control, Lever
2:2	109-8054	4	Bushing-Flanged	21	104-8301	4	Nut-Nyloc 3/8-16 Flg
3	116-0648	2	Screw-HH 5/16-18 X 1 W/Patch ●	22	323-7	4	Screw-HH 3/8-16 X 1 1/4
4	109-4581	2	Arm-Control, Pump	23	109-5575	2	Spring-Leaf
5	9080046	2	Screw-HH 1/4-20 X 7/8 ●	24	109-8106	2	Front Pump Linkage ASM
6	1-303435	2	Washer-Spring Disc 1/4	24:2	3219-2	2	Nut-Hex 5/16-24
7	116-0027	2	Damper-Control, Motion	24:3	1-323245	2	Spring-Compression
8	104-8300	8	Nut-Nyloc 5/16-18 Flg	24:4	1-633152	1	Balljoint
9	3230-2	2	Bolt-Carriage 5/16-18 X 1	24:5	1-543017	1	Balljoint
11	109-5891	2	Hub-Threaded	25	109-9505	4	Washer-Spring
12	325-12	2	Screw-HH 1/2-13 X 3	26	3256-6	2	Washer
16	116-0039	1	Lever-Control Motion, RH	27	32128-56	2	Nut-Hex 1/2-13 Flange
17	116-0040	1	Lever-Control Motion, LH	29	3256-23	2	Washer-5/16 Sae
19	109-6589	1	RH Steering Handle ASM	30	3218-5	2	Nut-Jam 1/2-13
				31	115-1794	2	Screw-Hex Flange 5/16-18 X 1 1/2

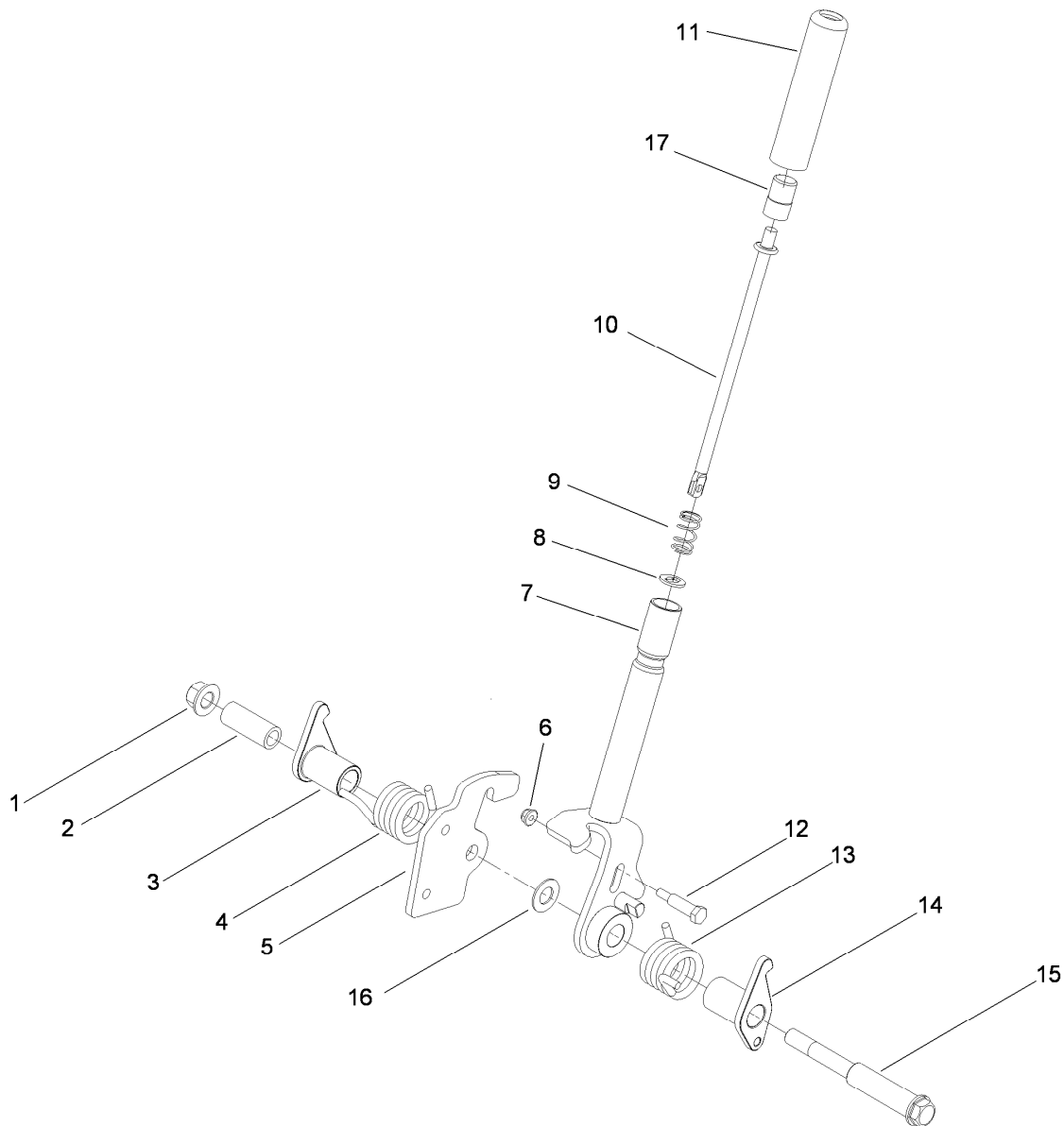
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



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	109-8972	2	Wheel And Tire ASM
7:1	1-633993	1	Tire
7:2	109-3156	1	Rim ASM
7:3	232-27	1	Stem-Valve
8	242-50	8	Nut-Lug 1/2-20
9	109-2889	2	Caliper-Brake

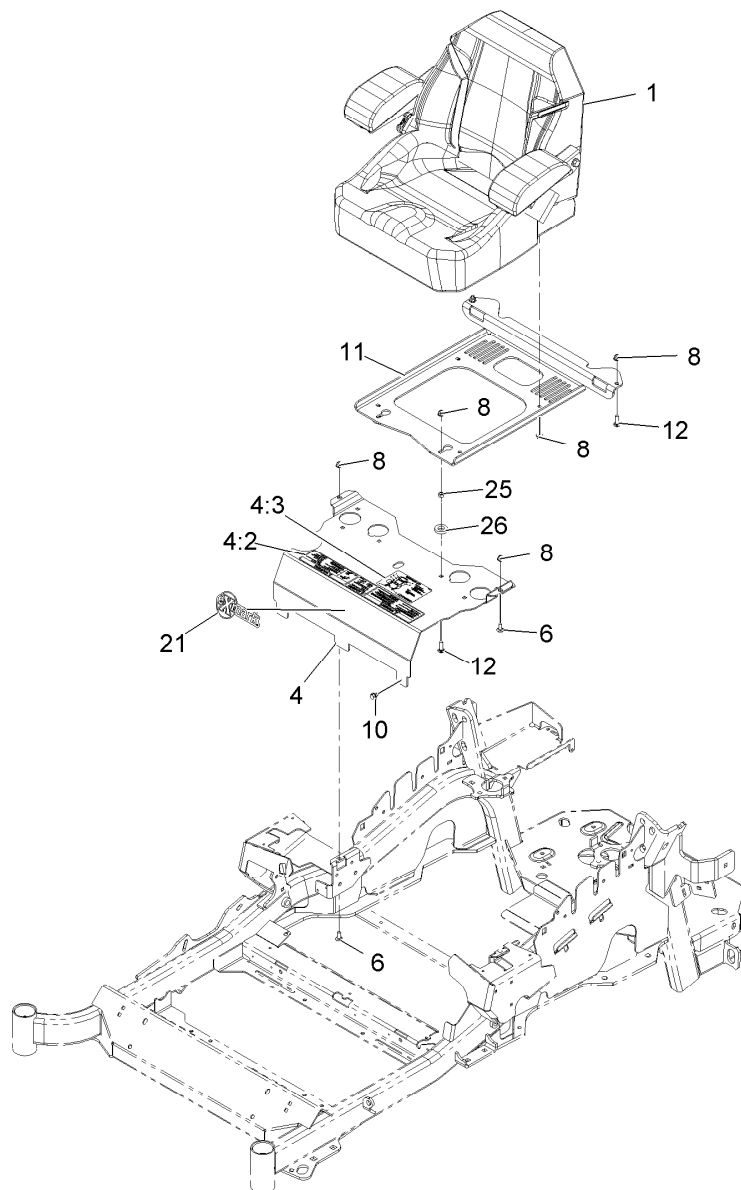
Ref.	Part Number	Qty.	Description
10	109-0958	2	Plate-Mount, Brake
11	92-5727	4	Screw-HH 3/8-16 X 1 1/4 Patch Lock
12	112-8379	2	Swivel
13	104-7201	2	Nut-Nyloc 1/4-20 Flg
17	3296-13	2	Nut-Nyloc 1/4-28
18	116-2643	2	Decal-Wheel Nut Torque
19	115-3584	1	Cable
20	115-3585	1	Cable
22	116-1399	2	Locknut
24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

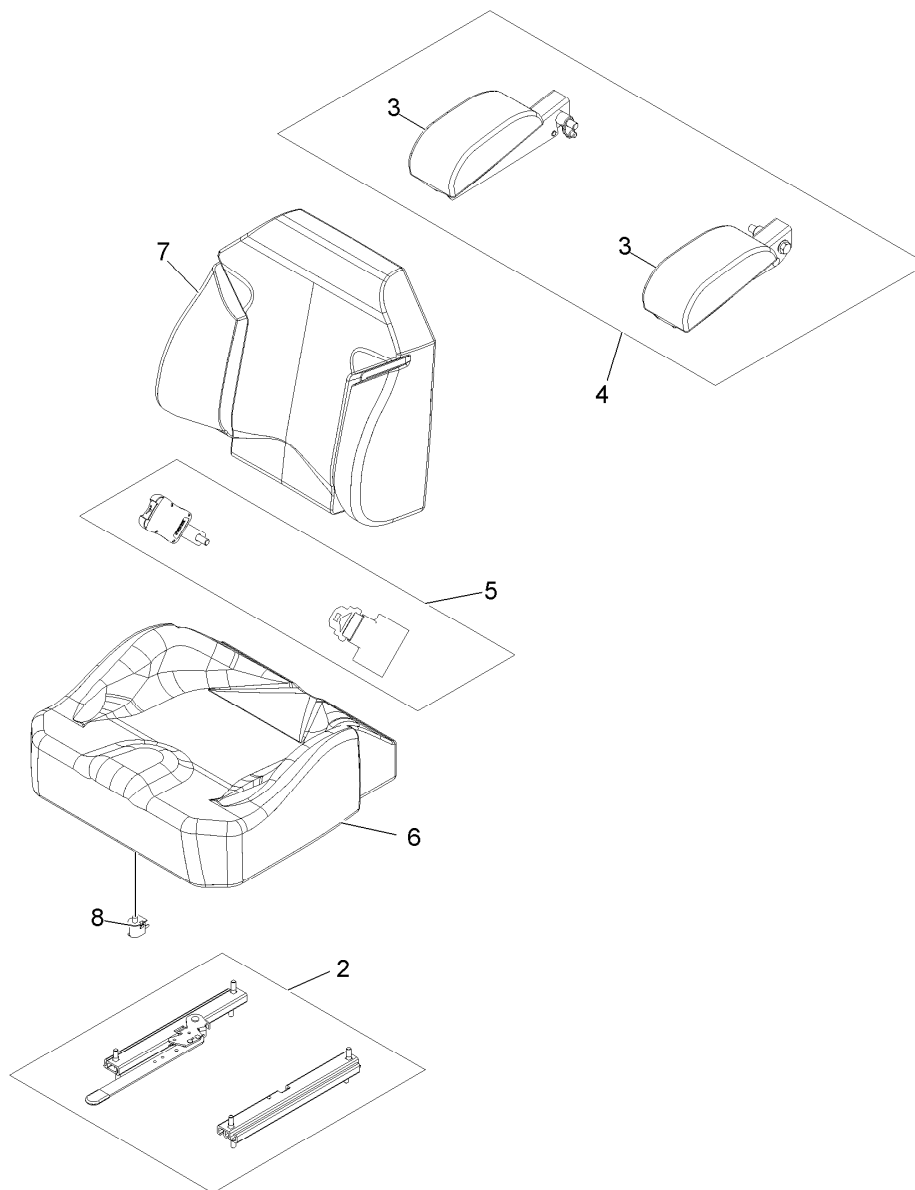
Ref.	Part Number	Qty.	Description
1	99-5107	1	Nut-Lock
2	117-0380	1	Spacer
3	115-3580	1	Arm-Brake, LH
4	117-0376	1	Spring-Torsion, RH
5	115-3574	1	Plate-Latch
6	104-7201	1	Nut-HF
7	116-1876-03	1	Brake Handle ASM
8	114-1207	1	Washer-Special
9	114-8187	1	Spring-Compression

Ref.	Part Number	Qty.	Description
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



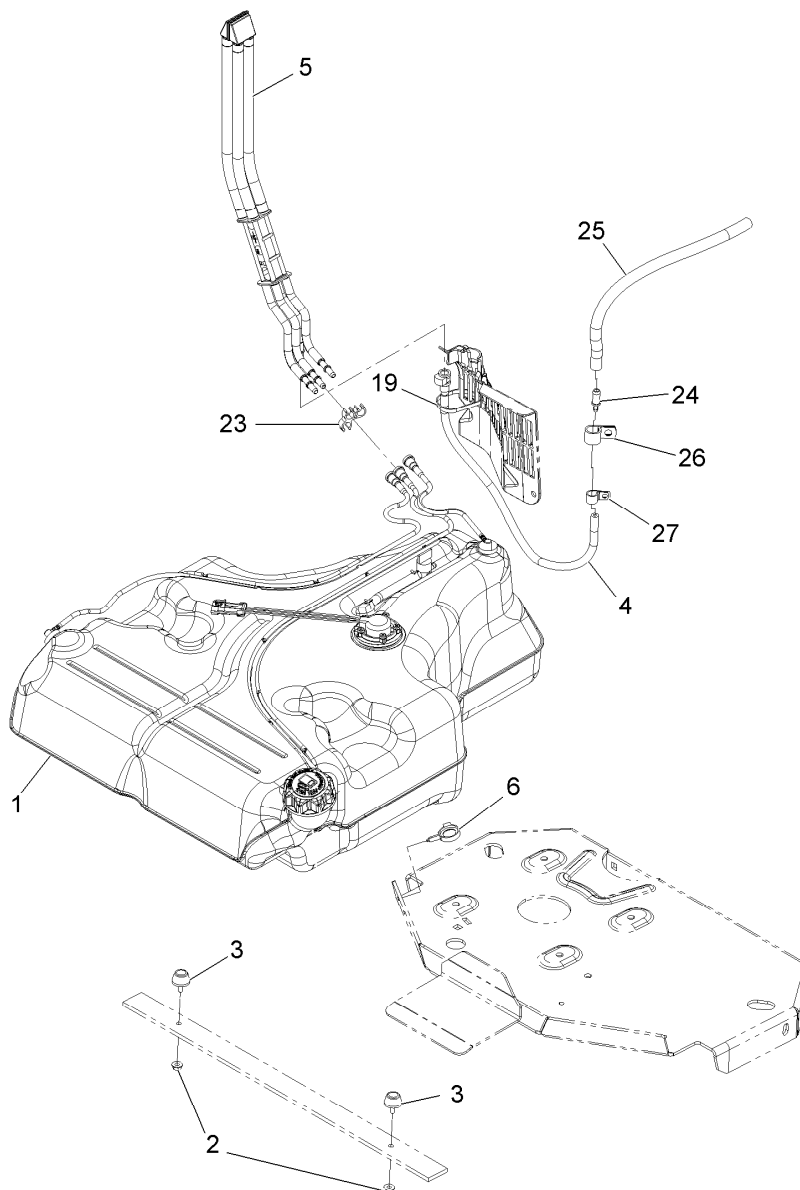
Seat Assembly

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-Support, Seat
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



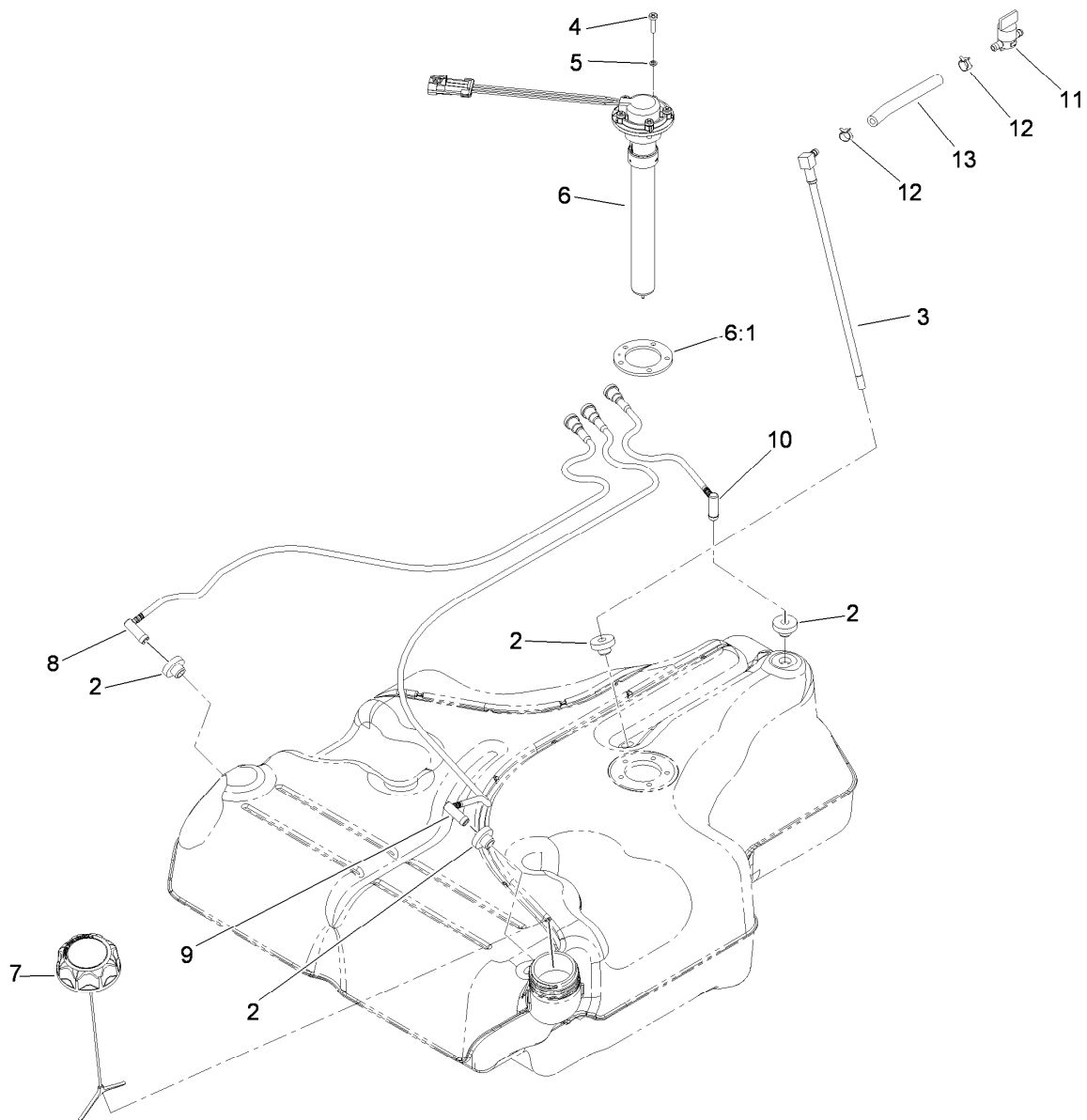
Seat W/Tracks Assembly No. 116-4474

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



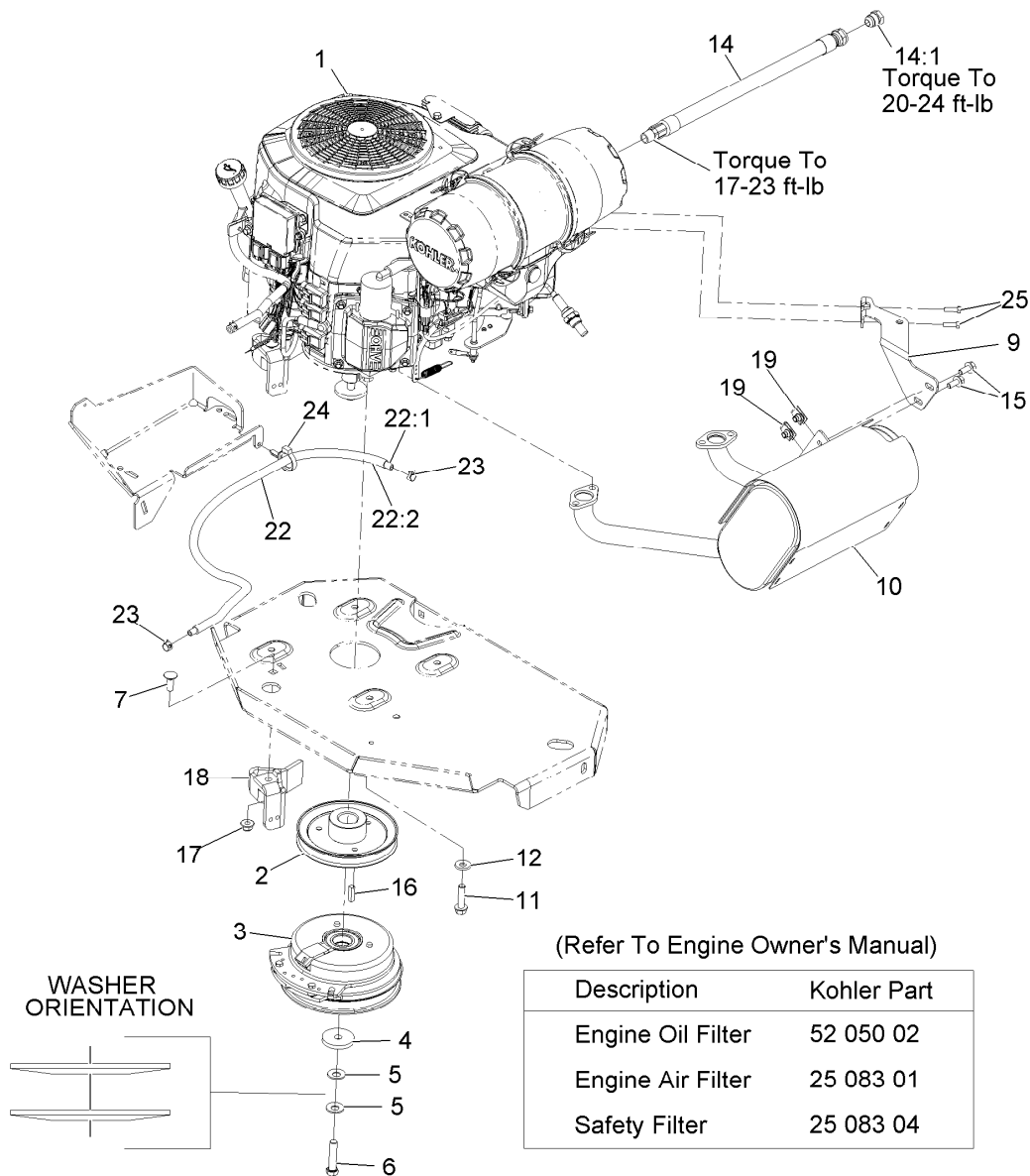
Fuel Tank Mounting Assembly

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
4	116-3977	1	Hose ASM
5	109-9491	1	Fuel Manifold Vent ASM
6	105-1853	1	Clamp-Hose
19	1-303335	1	Tie-Cable 7 15/16 (Large)
23	116-3370	1	Clip-Spacer
24	98-2952	1	Fitting-Straight
25	116-4344	1	Hose-Fuel
26	1-633396	1	Clip-Loom 5/8
27	1-513762	1	Clip-Loom 1/2



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



Engine Assembly

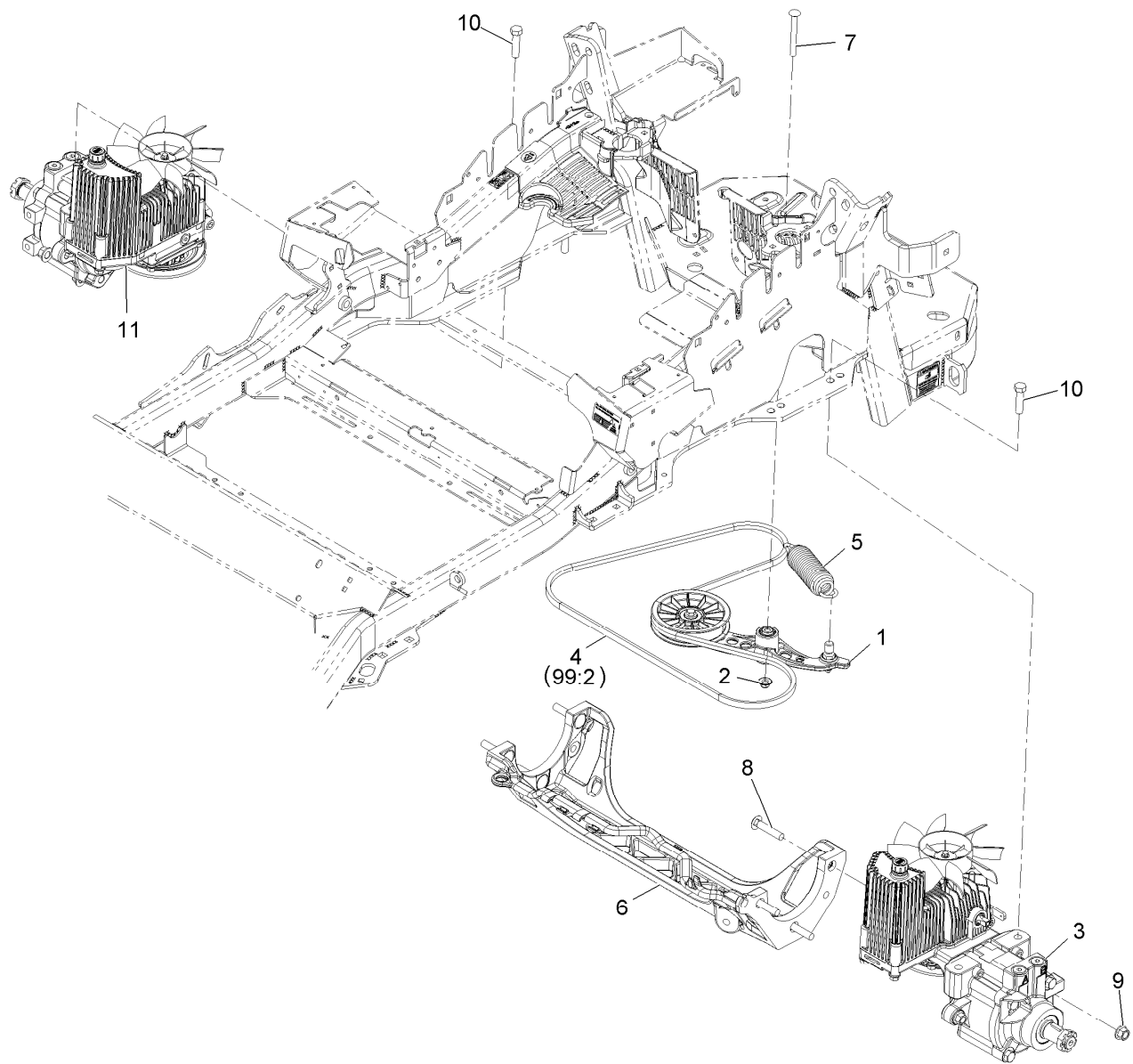
Ref.	Part Number	Qty.	Description
1		1	Engine,Koh 29Hp Efi ●■
2	109-9905	1	Sheave
3	116-1620	1	Clutch Kit
4	109-6919	1	Washer-Clutch
5	1-603610	2	Washer-Spring Disc 7/16
6	109-9762	1	Screw-HH 7/16-20 X 2 W/Loctite ▲
7	3231-22	1	Bolt-Carriage 3/8-16 X 1
9	116-4297	1	Muffler Bracket Kit
10	116-2038	1	Muffler
11	32144-102	4	Screw-HWH 3/8-16 X 1 1/2 Taptite
12	98-5975	4	Washer-Spring Disc 3/8
14	116-0013	1	Oil Drain Hose ASM

Ref.	Part Number	Qty.	Description
14:1	109-1012	1	Plug
15	3234-5	3	Screw-HH Flg 5/16-18 X 3/4
16	1-807259	1	Key-Machine 1/4 X 1/4 X 1
17	104-8301	1	Nut-Nyloc 3/8-16 Flg
18	116-2612-01	1	Clutch-Anchor
19	94-2413	3	U-Nut
22	117-3893	1	Fuel Line ASM
22:1	109-0273	1	Hose-Fuel
22:2	117-3892	1	Sleeve-Thermal
23	2412-98	2	Clamp-Hose
24	104-2490	1	Clamp-Hose
25	116-4295	2	Screw-HH M6-1 X 20Mm W/Patch

● Not serviced separately

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

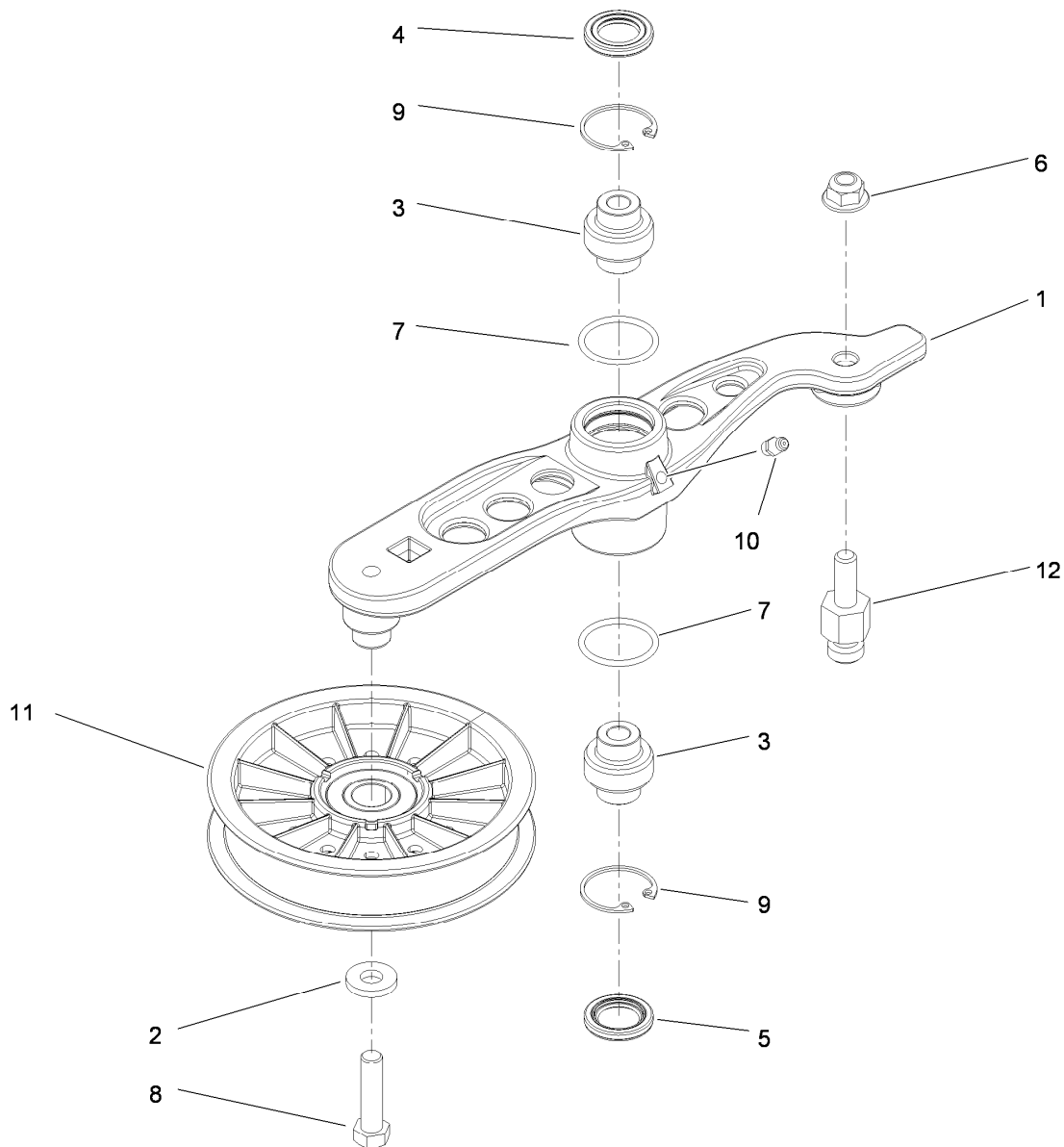
■ Obtain parts from www.kohlerplus.com



Hydraulic Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	116-1255	1	Pump Idler ASM	10	325-8	4	Screw-HH 1/2-13 X 1 1/4
2	109-6658	1	Nut-Nyloc 3/8-16 Flg	11	116-1325	1	RH Hydro ASM (12Cc W/Shock)
3	116-1324	1	LH Hydro ASM (12Cc W/Shock)	99	109-9828	1	Bottle-Oil, 32Oz Hydraulic ●
4	109-3388	1	Belt	99	116-0164	1	Filter-Hydro ●
5	116-0133	1	Extension-Spring	99	116-1218	1	Bottle,Oil 1 Gallon Hydraulic ●
6	109-9375	1	Cradle-Hydro	99	116-3270	1	Kit, Hydro Service ●
7	116-1502	1	Bolt-Carriage Shoulder 3/8-16 X 3 1/2	99:1	109-9828	4	Bottle-Oil, 32Oz Hydraulic ●
8	3233-34	6	Bolt-Carriage 1/2-13 X 2 1/2	99:2	109-3388	1	Belt
9	99-5107	6	Nut-Lock 1/2-13	99:3	116-0164	2	Filter-Hydro ●

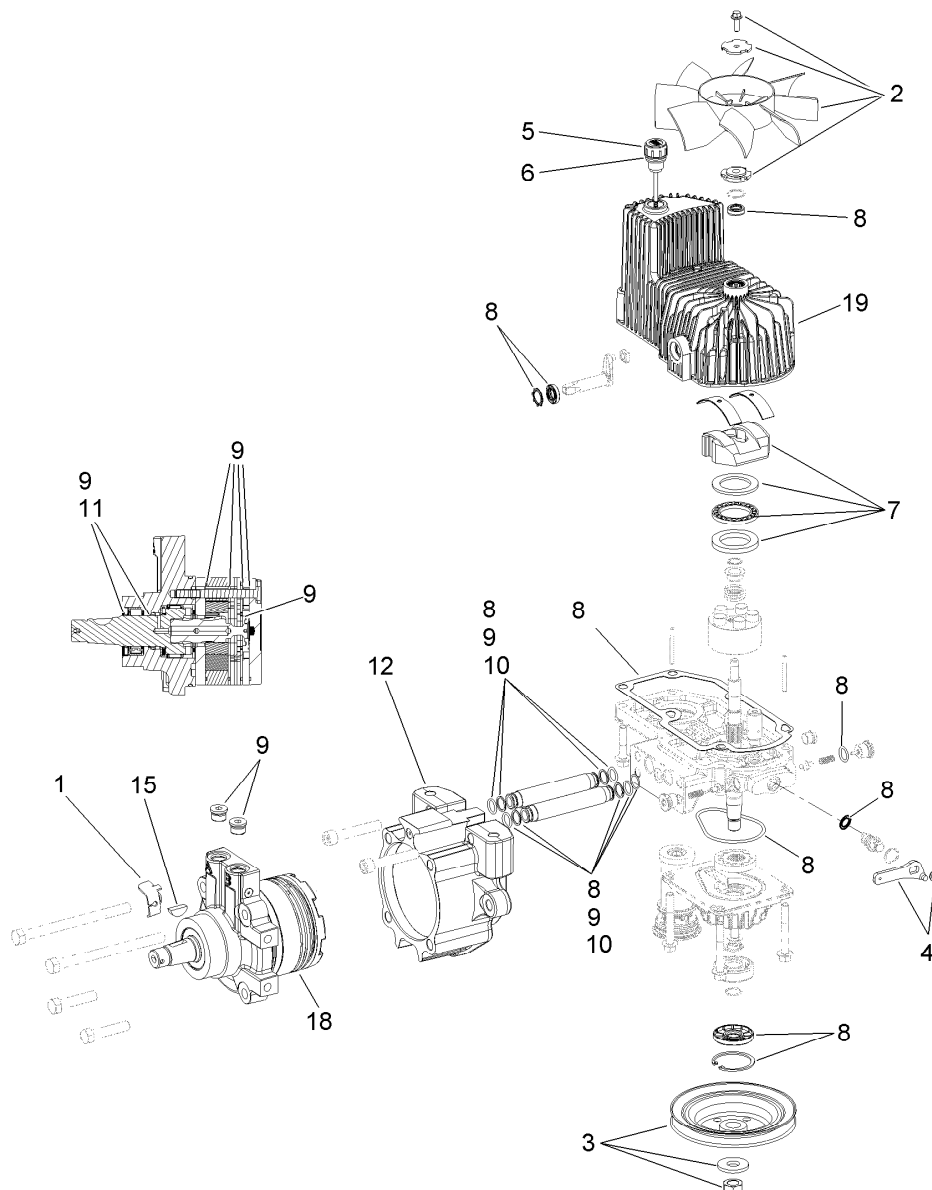
● Not illustrated



Pump Idler Assembly No. 116-1255

Ref.	Part Number	Qty.	Description
1		1	Arm-Pump, Idler ●
2	43-0940	1	Spacer
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

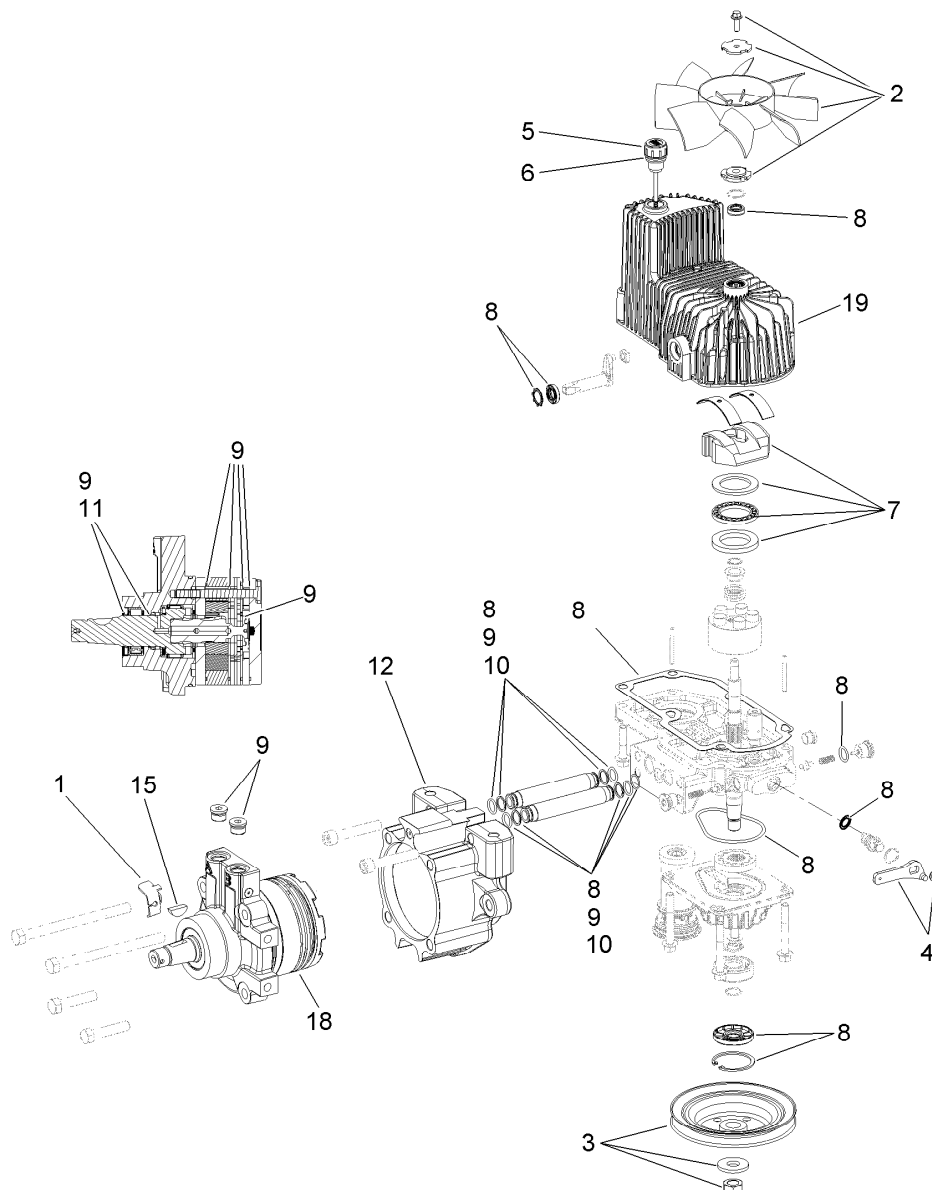


LH Hydro Assembly No. 116-1324

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

Ref.	Part Number	Qty.	Description
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
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

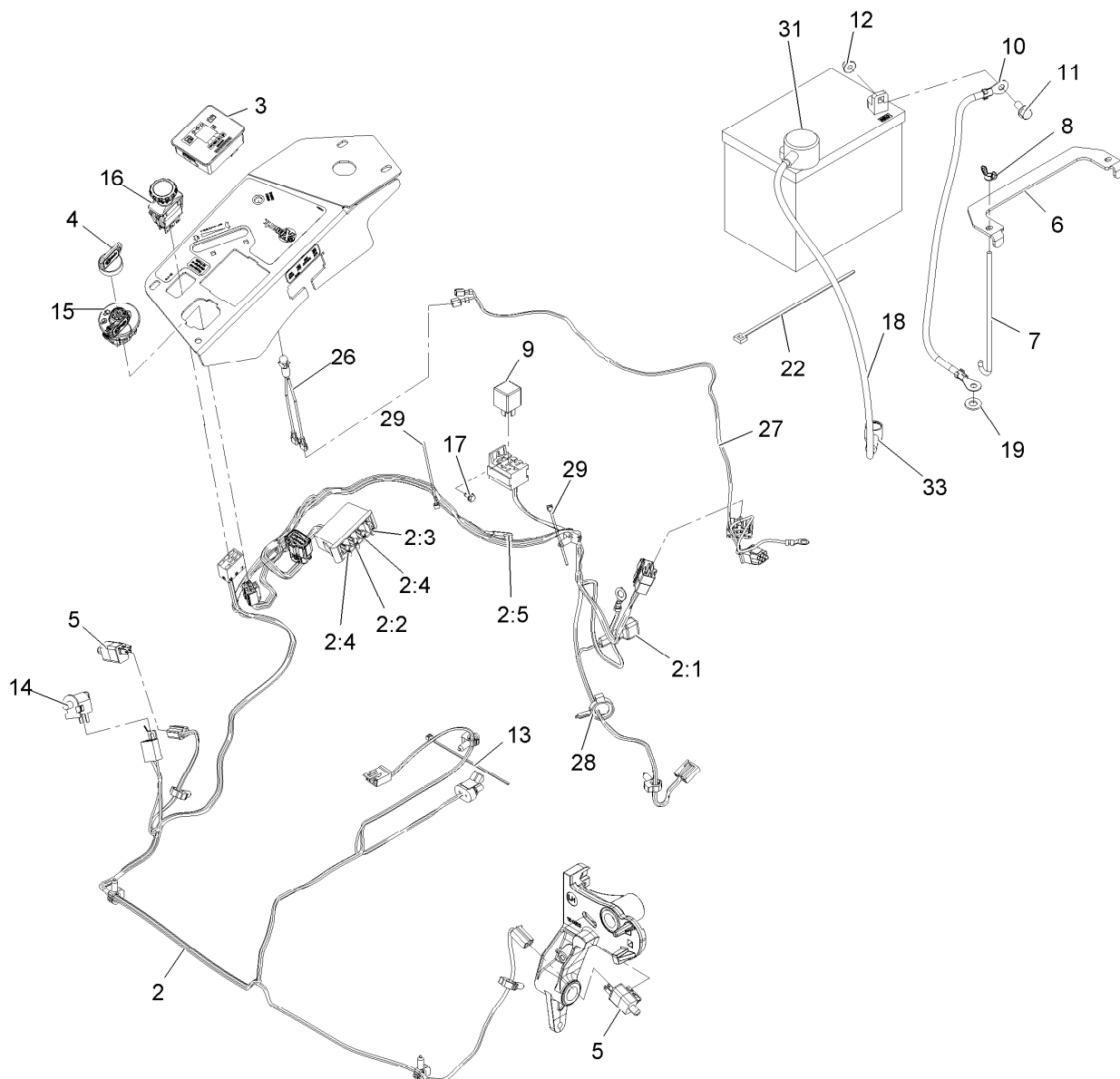


RH Hydro Assembly No. 116-1325

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

Ref.	Part Number	Qty.	Description
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
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



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

Ref.	Part Number	Qty.	Description
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)
26	1-643267	1	Indicator-Red Led
27	116-3062	1	Harness-Indicator Light
28	105-1853	1	Clamp-Hose
29	1-303287	2	Tie-Cable 5 1/2 (Small)
31	109-2407	1	Insulator-Battery
33	1-543393	1	Insulator-Solenoid

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

MAXIMIZE THE PERFORMANCE OF YOUR EXMARK.

4-CYCLE PREMIUM ENGINE OIL

Part No. 116-3373

Both SAE 30 and SAE 10W-30 in one bottle.

Contains increased levels of zinc and phosphorus for better lubricity.

No Viscosity Index Improvers that tend to shear down in high heat.

Synthetic formulation.

Gas & Diesel compatible.

Anti-corrosion additives.

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

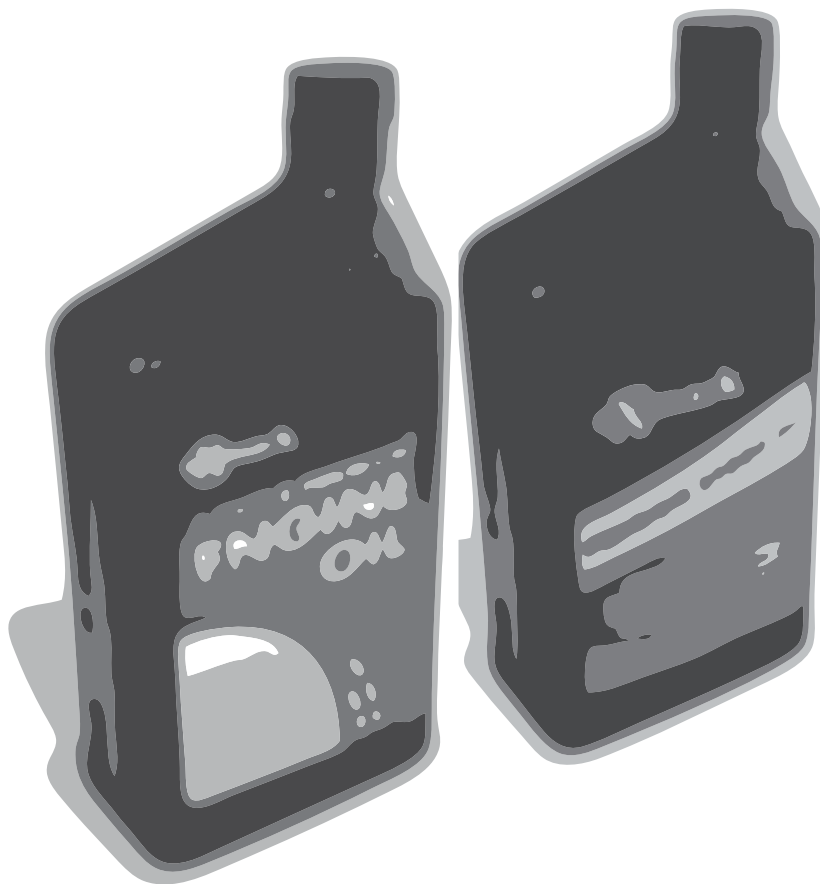
PREMIUM HYDRO OIL

Part No. 109-9828

Commercial quality for tough, high-heat conditions.

Designed specifically for zero-turn mower hydraulic systems.

Superior shear resistance under heavy loads.



Available from your local Exmark dealer. Find your closest dealer at exmark.com

EXMARK ACCESSORIES AND OPTIONS*

MID-MOUNT RIDING ACCESSORIES AND OPTIONS

CUSTOM RIDE SEAT SUSPENSION SYSTEM	OPERATOR CONTROLLED DISCHARGE
FULL SUSPENSION SEAT	SUN SHADE
DECK LIFT ASSIST KIT	TRASH CONTAINER
HITCH KIT	TURF STRIPER
LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
12V POWER PORT	ULTRA VAC QUICK DISPOSAL SYSTEM
MICRO-MULCH SYSTEM	

OUT-FRONT RIDING ACCESSORIES AND OPTIONS

CUSTOM RIDE SEAT SUSPENSION SYSTEM	SNOW BLADE
DUAL-TAIL WHEEL	SNOWBLOWER
FLOOR PAN EXTENDER	SUN SHADE
HITCH KIT	TRASH CONTAINER
LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
MICRO-MULCH SYSTEM	ULTRA VAC QUICK DISPOSAL SYSTEM
ROLL OVER PROTECTION SYSTEM (ROPS)	WEATHER CAB

WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER	TURF STRIPER
MICRO-MULCH SYSTEM	STANDON

*Some accessories and options not available for some models.

Place Model No. and Serial No.
Label Here (Included in the Literature
Pack) or Fill in Below

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

© 2012 Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310
All Rights Reserved

Part No. 4500-811 Rev. B
(402) 223-6300
Fax (402) 223-5489
Printed in the USA.

