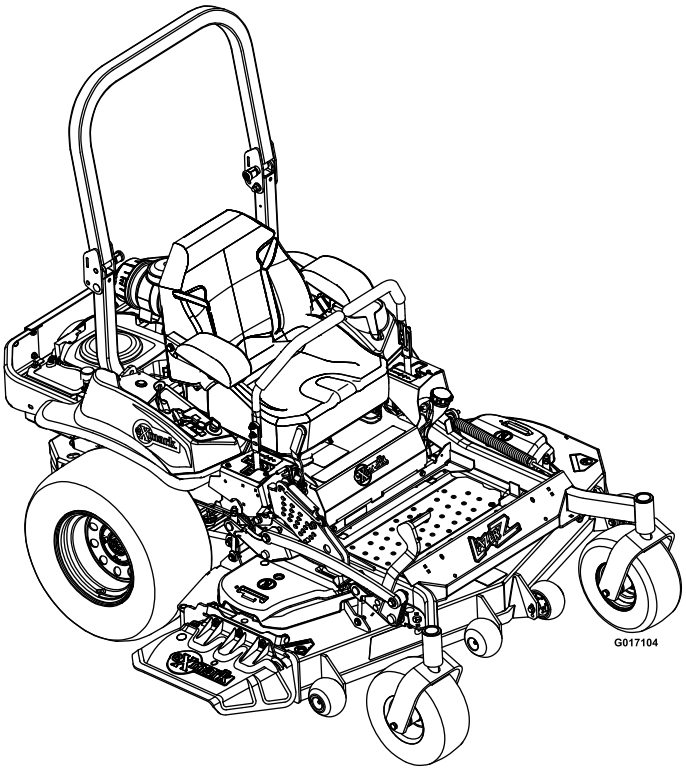
Parts Manual

LAZER Z® X-SERIES

Model No. LZX680KC486—Serial No. 312000000 and Up

Picture below may not reflect actual product.



Part No. 4501-029 Rev. B

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

LPG: Liquid Propane 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).

© 2012—Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310

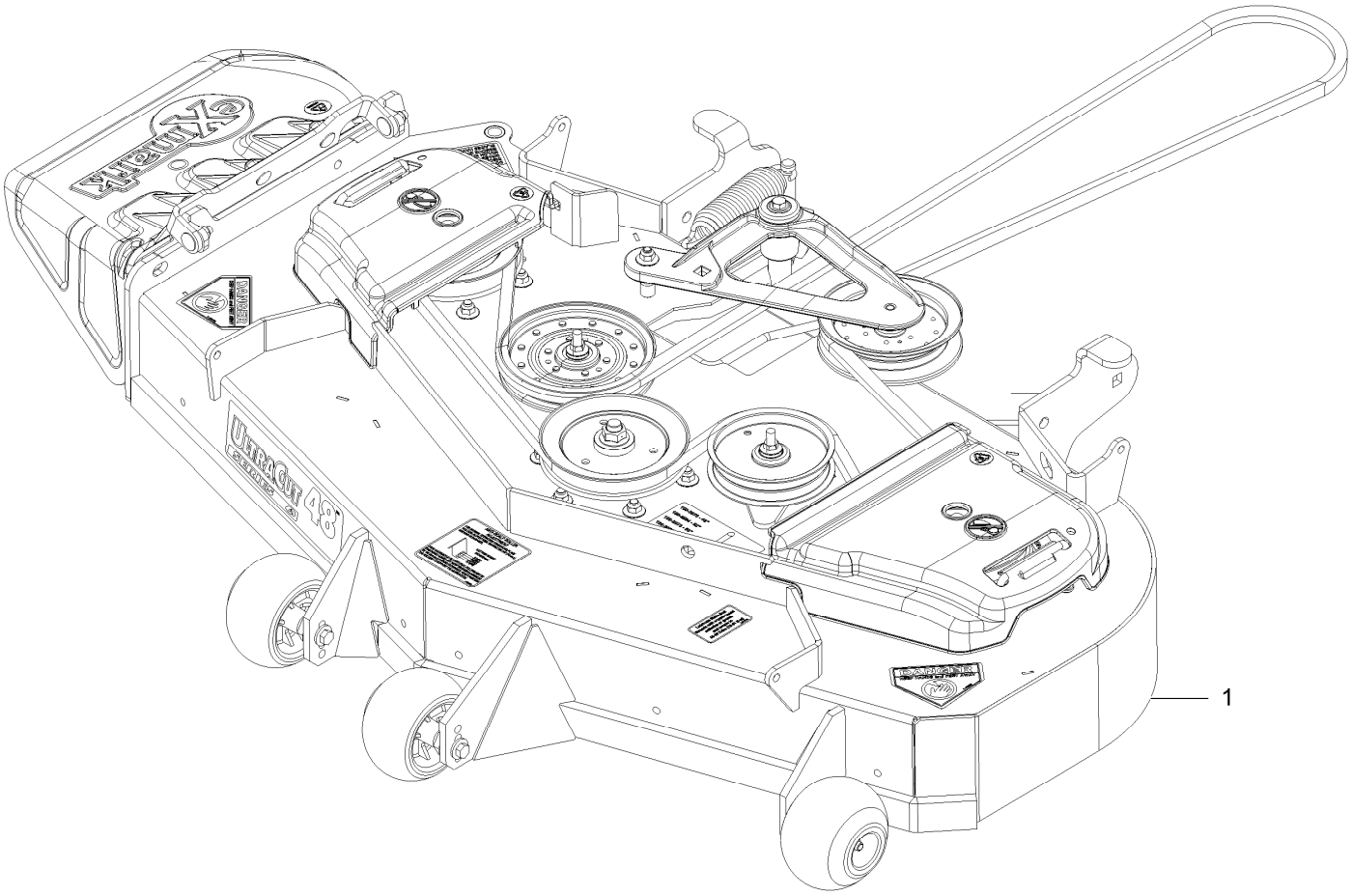
Contact us at www.Exmark.com.
Printed in the USA.
All Rights Reserved



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.)

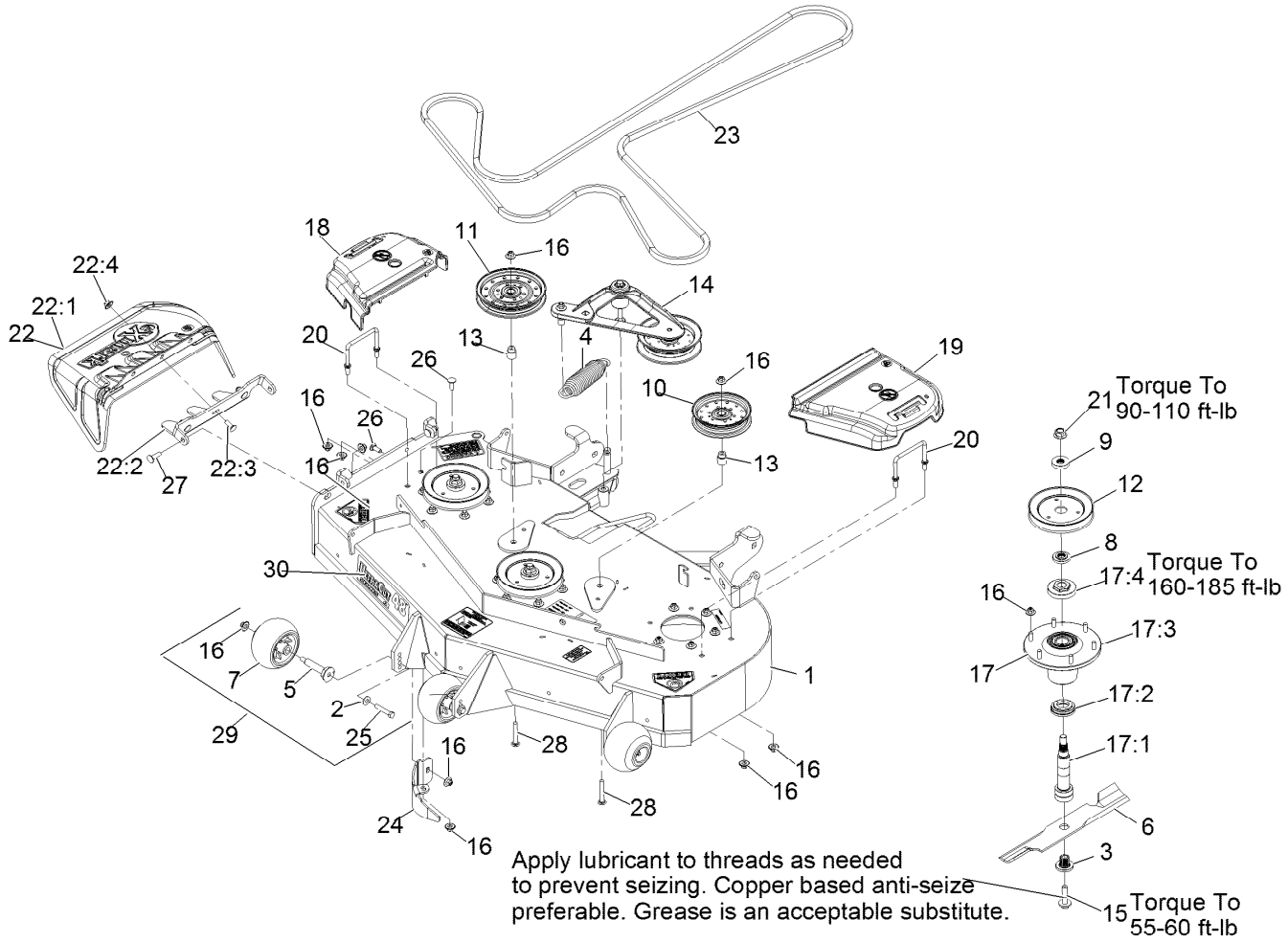
Contents

Complete Deck Assembly 4
Deck Assembly 5
Deck W/Decals Assembly No. 109-9008 6
Deck Idler Assembly No. 116-3755 7
Cutter Housing Assembly No. 103-9539 8
Main Frame Assembly 9
Roll-Over Protection System Assembly No. 116-0230 10
Caster Wheel and Fork Assembly 11
Deck Lift Assembly 12
Height-of-Cut Assembly No. 109-7438 13
Controls Assembly 14
Motion Control Assembly 15
Rear Wheel and Park Brake Assembly 16
Parking Brake Handle Assembly No. 116-7551 17
Seat Assembly 18
Seat W/Tracks Assembly No. 116-4474 19
Fuel Tank Mounting Assembly 20
Fuel Tank Assembly No. 116-3979 21
Engine Assembly 22
Hydraulic Assembly 23
LH Hydro Assembly No. 116-6411 24
RH Hydro Assembly No. 116-6412 25
Pump Idler Assembly No. 116-1255 26
Electrical Assembly 27



Complete Deck Assembly

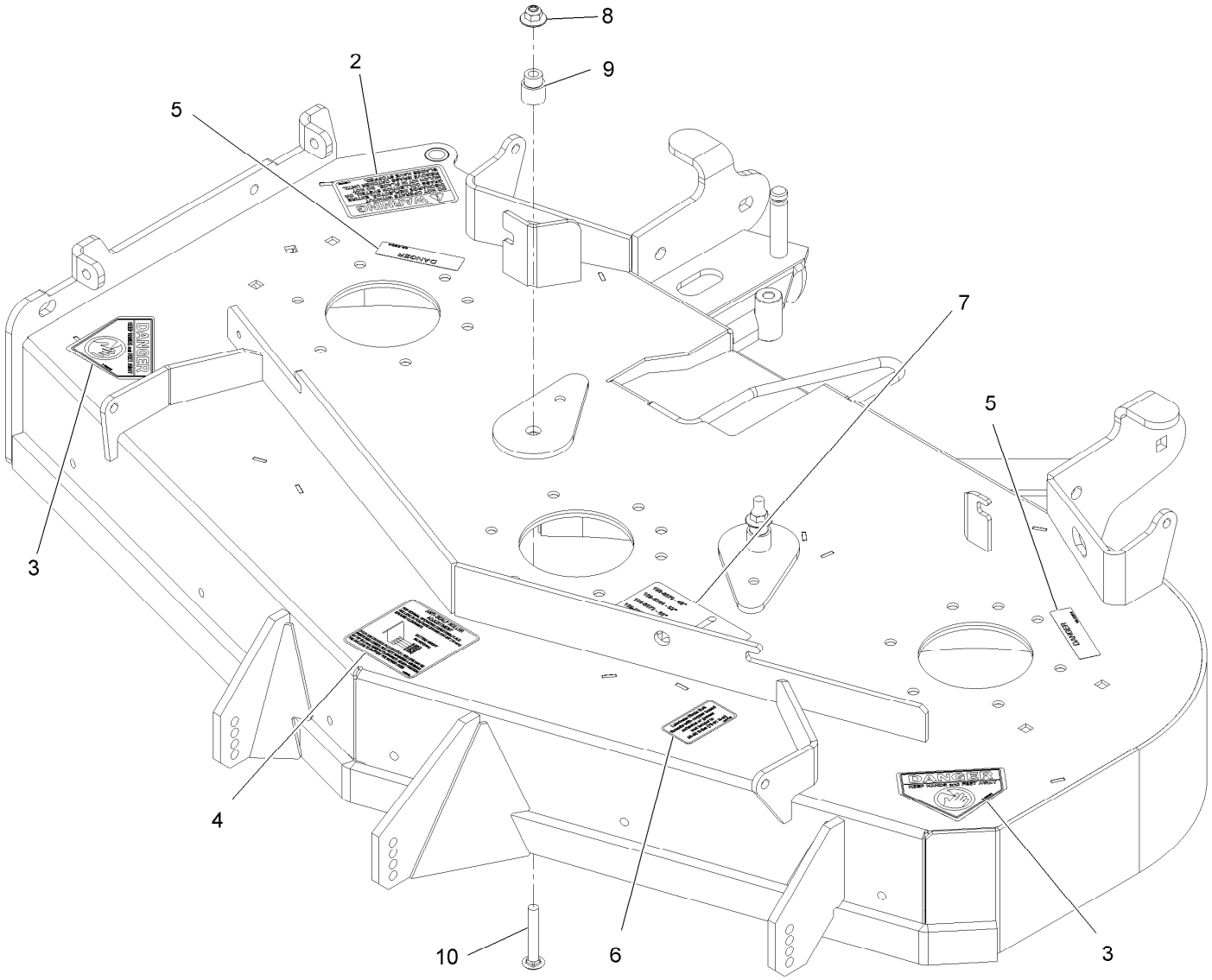
Ref.	*Part Number*	*Qty.*	*Description*
1	109-9643	1	ASM,Deck Complete 486



Deck Assembly

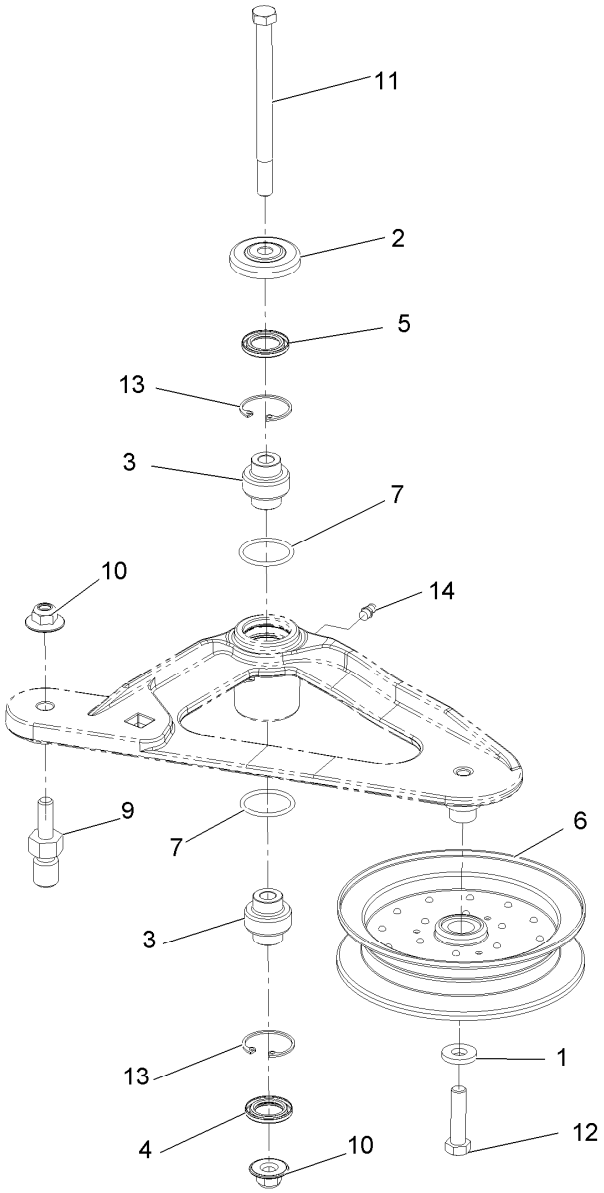
Ref.	Part Number	Qty.	Description
1	109-9008	1	ASM,Deck W/Decals 48
2	98-5975	3	Washer-Spring Disc 3/8
3	103-3037	3	Bushing,Splined
4	116-6317	1	Spring-Extension
5	109-9851	3	Axle, Anti-Scalp Roller
6	103-6401	3	Blade-Notched
6	103-6391	3	Blade, Mulching (48 ●
6	116-5177	3	Blade-Extreme 2, 16.25"
6	103-6386	3	Blade, Low Lift (48
6	103-6381	3	Blade, Solid (48
7	103-8415	3	Roller,Anti-Scalp
8	103-9522	3	Spacer,Splined Stepped
9	103-9523	3	Spacer,Splined
10	116-4665	1	Idler-Pulley, Flat
11	116-4667	1	Idler-Pulley, Flat
12	116-1443	3	Sheave,Blade Drive 5.90
13	1-633456	2	Bushing,Idler
14	116-3755	1	Deck Idler ASM
15	109-9220	3	Screw-Sems 1/2-20 X 2.19
16	109-6658	31	Nut-Nyloc 3/8-16 Flg
17	109-6917	3	ASM,Spindle Housing
17:1	103-9504	1	Guard,Bottom
17:2	103-9539	1	ASM,Cutter Housing
17:3	109-0916	1	Nut, Spindle 7/8-14
17:4	109-6881	1	Spindle,Double Spline ■
18	109-6935	1	Cover-Belt, RH
19	109-6936	1	Cover-Belt, LH
20	109-6982	2	Wireform-Cover
21	109-7033	3	Nut-Flange 5/8-18 Centerlock
22	109-7188	1	ASM,Discharge Chute
22:1	109-2738	1	Chute,Discharge
22:2	109-8675-01	1	Bracket,Discharge Chute
22:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
22:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
23	109-8070	1	Belt,V-B X 175.75
24	116-5995-01	1	Baffle-Dogleg,Lzs Lzx Vt48
25	3211-46	3	Screw-HH 3/8-24 X 2 Gr8
26	3231-22	2	Bolt-Carriage 3/8-16 X 1
27	3231-28	2	Bolt-Carriage 3/8-16 X 1 1/4
28	3231-44	2	Bolt-Carriage 3/8-16 X 2 1/2
29	109-2098	3	Kit, Antiscalp
30	109-9437	1	Decal,Ultracut 48 Series 6

● 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.



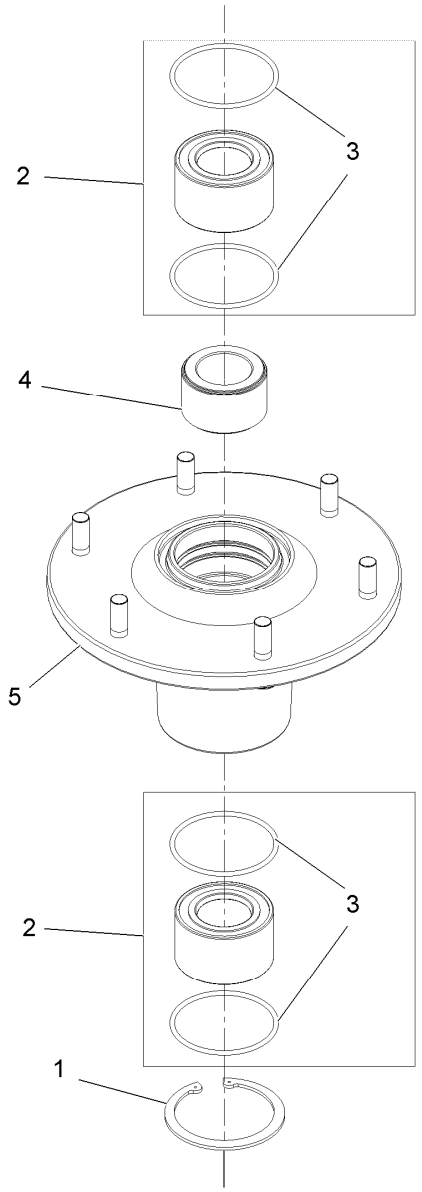
Deck W/Decals Assembly No. 109-9008

Ref.	*Part Number*	*Qty.*	*Description*
2	1-303508	1	Decal-Warning, Discharge
3	1-403005	2	Decal-Danger
4	1-633922	1	Decal, Anti-Scalp
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



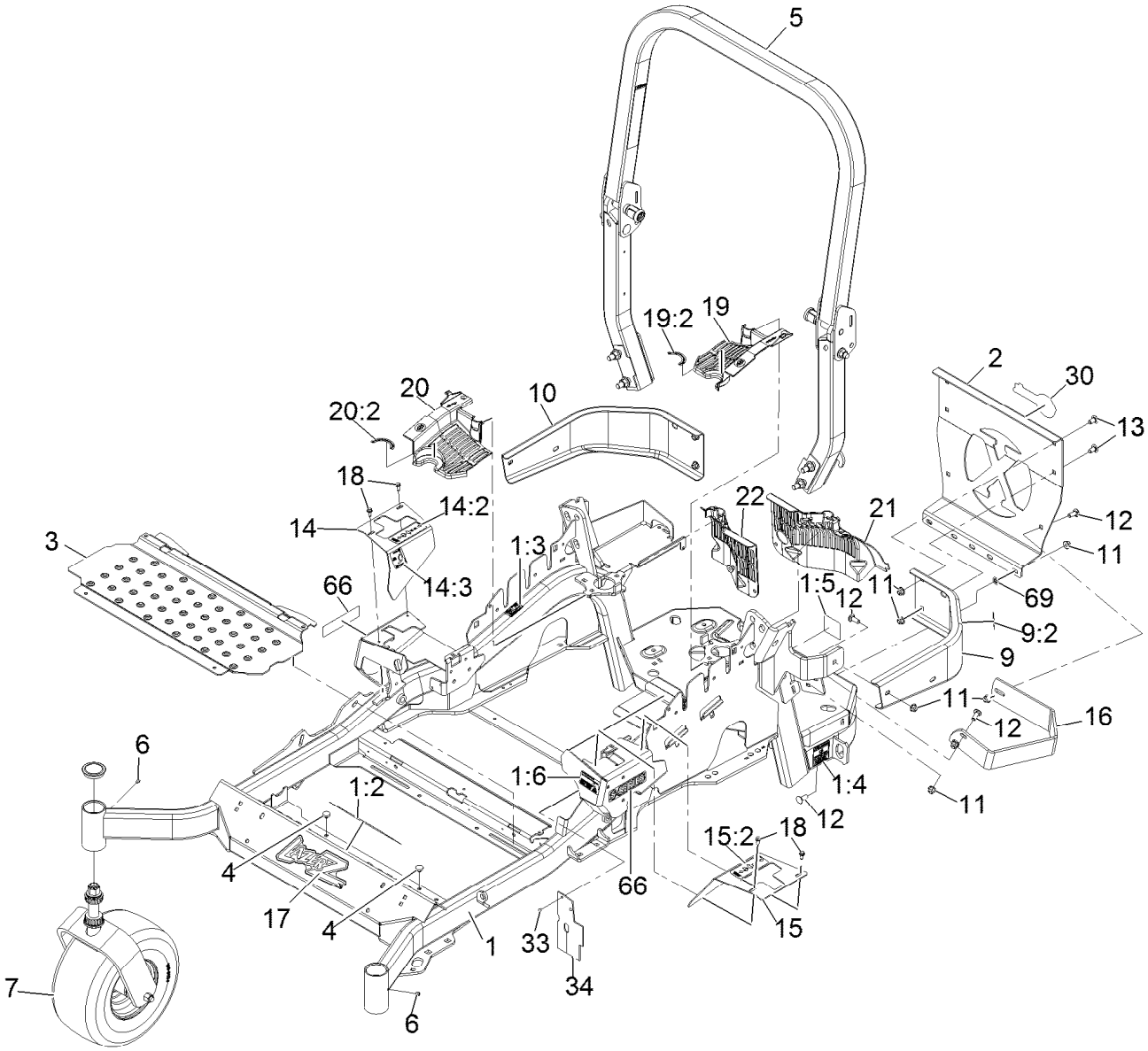
Deck Idler Assembly No. 116-3755

Ref.	*Part Number*	*Qty.*	*Description*
1	43-0940	1	Spacer
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	116-4668	1	Idler-Pulley, 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



Cutter Housing Assembly No. 103-9539

Ref.	*Part Number*	*Qty.*	*Description*
1	92-5581	1	Ring-Retaining
2	109-2064	1	ASM, Bearing W/Orings
3	103-5895	4	O-Ring
4	103-9506	1	Spacer,Bearing
5	109-0764	1	ASM,Housing W/Studs

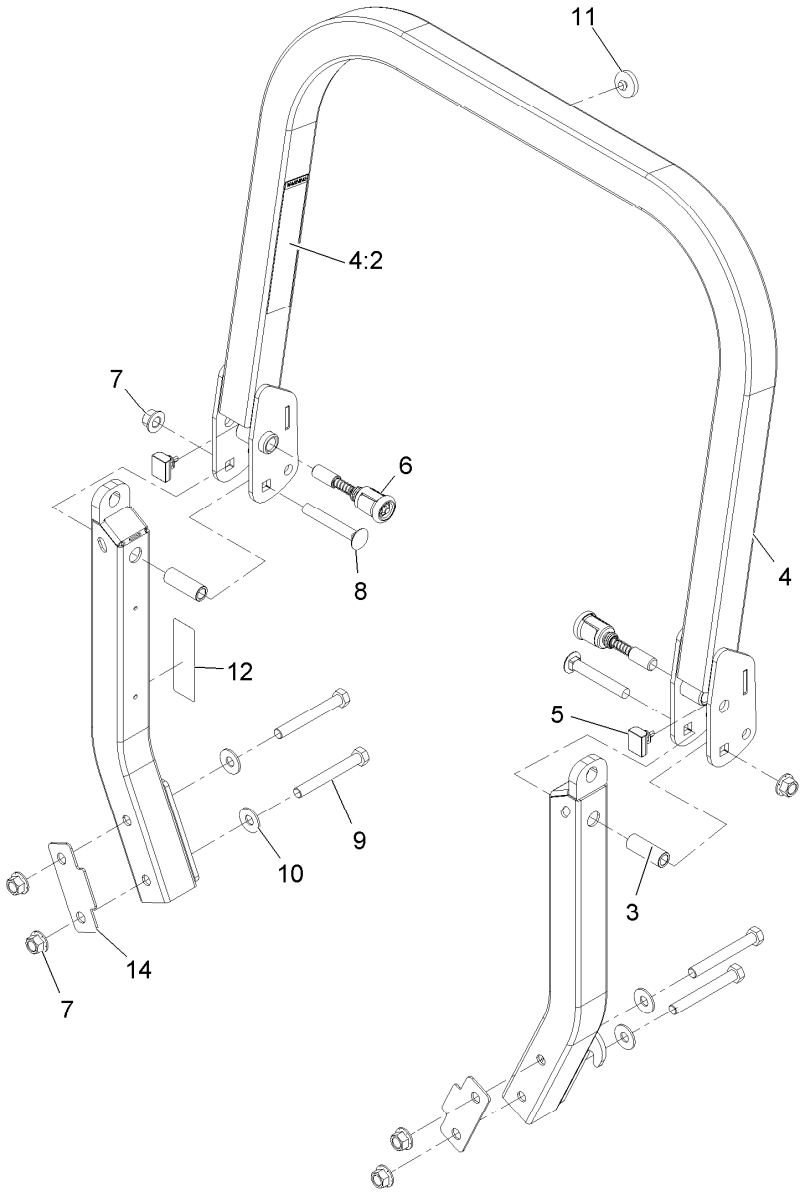


Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	116-5900	1	Mainframe 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-Flange, NI
12	3231-22	7	Screw-CARR
13	3231-21	4	Screw-CARR
14	116-5899	1	Cover-Motion Control, RH

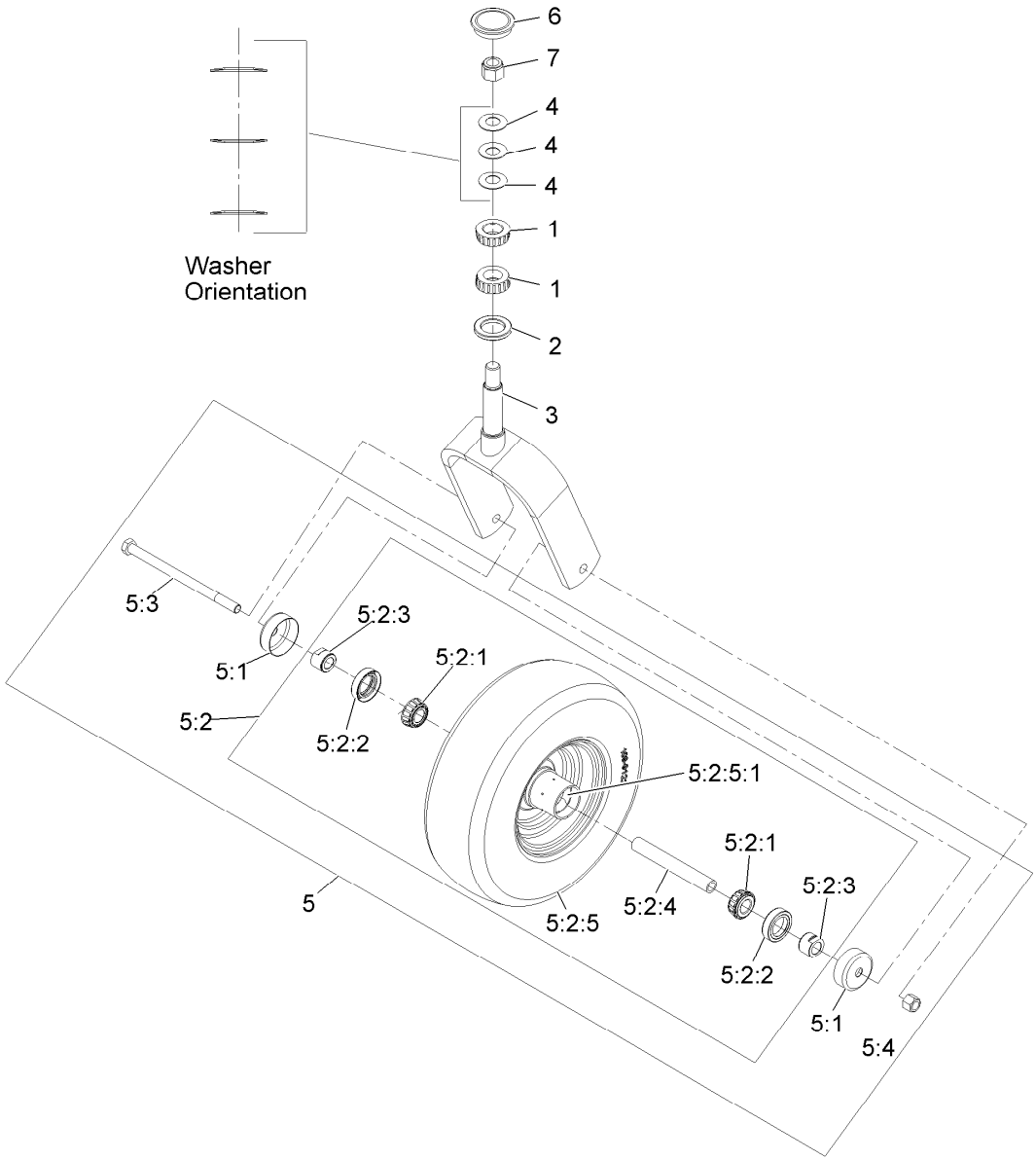
Ref.	Part Number	Qty.	Description
14:2	109-7232	1	Decal-Motion Control
14:3	116-5944	1	Decal-Park Brake
15	116-0580	1	LH Motion Control Cover ASM
15:2	109-7232	1	Decal-Motion Control
16	116-0043-03	1	Guard-Muffler
17	103-3113	1	Decal, Lazer Model
18	32144-10	4	Screw-HWH
19	116-0170	1	LH Hydro Guard ASM
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
30	103-2883	1	Decal,Exmark Logo
33	1-803035	2	Rivet-Pop
34	116-2362	1	Deflector-Air Flow
66	116-3883	2	Decal-X-Series
69	107-3154	2	Nut-Push

● 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

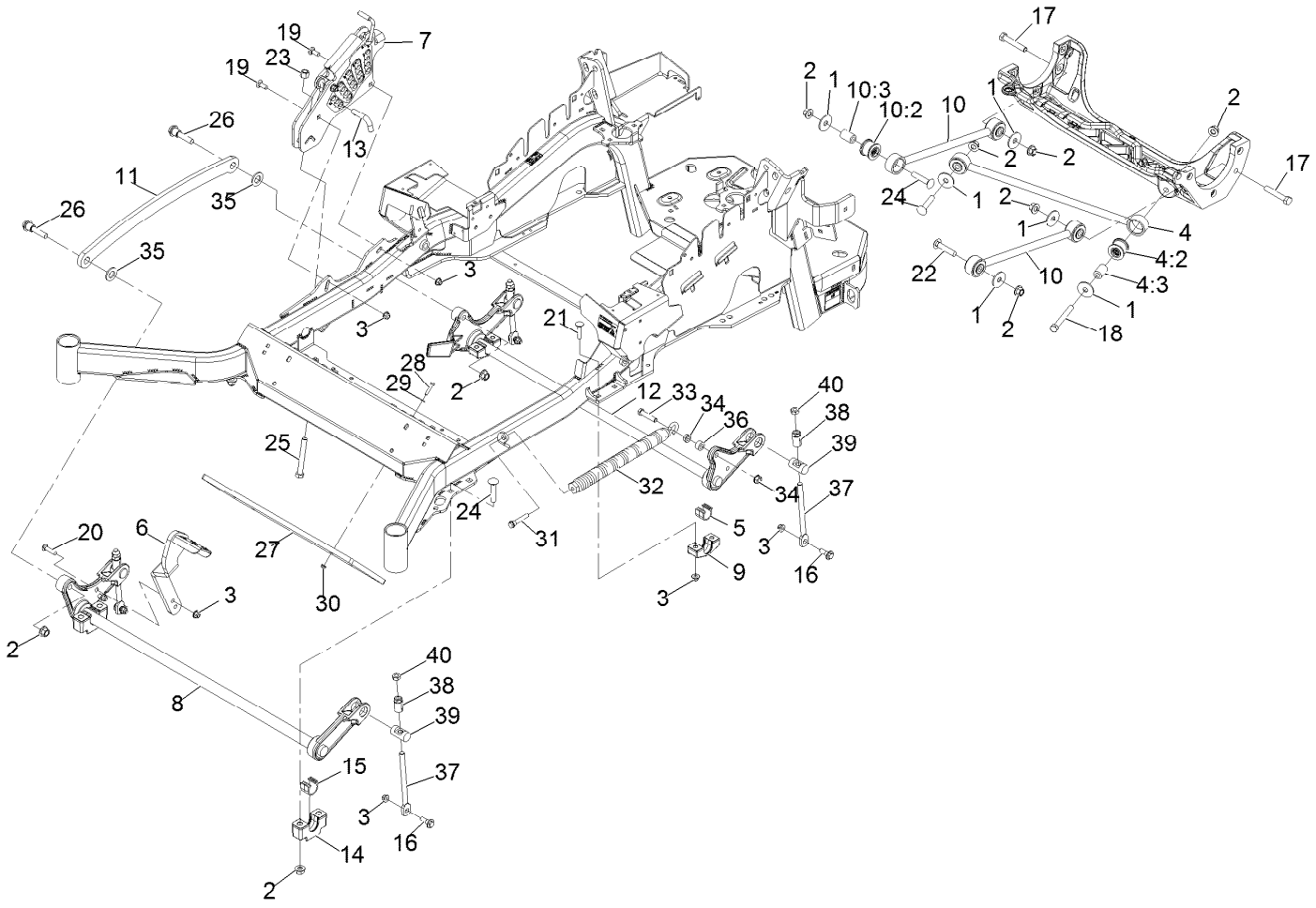


Caster Wheel and Fork Assembly

Ref.	Part Number	Qty.	Description
1	1-543509	2	Bearing-Roller, Tapered
2	1-543511	1	Seal-Grease
3	116-1092-01	1	Wld,Caster
4	1-633508	3	Washer-Bellville
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, Taper
5:2:2	103-0063	2	Seal-Caster

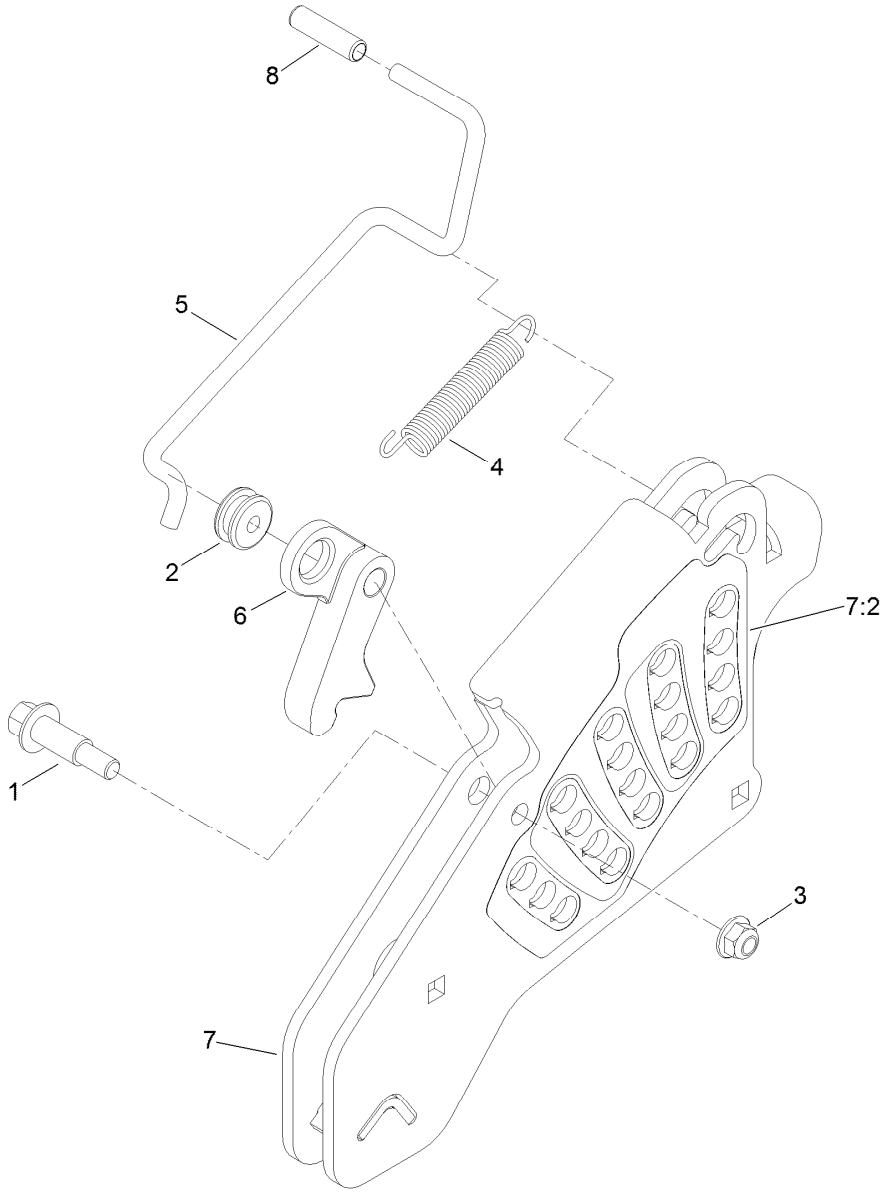
Ref.	Part Number	Qty.	Description
5:2:3	103-3051	2	Spacer-Nut ■
5:2:4	103-3155	1	Axle-Caster
5:2:5		1	Wheel And Tire ASM ●
5:2:5:1	1-633584	1	Bearing-Cup
5:3	325-42	1	Screw-HH
5:4	3296-23	1	Nut-Lock, NI
6	103-4882	1	Cap-Grease
7	3296-51	1	Nut-Lock, NI

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



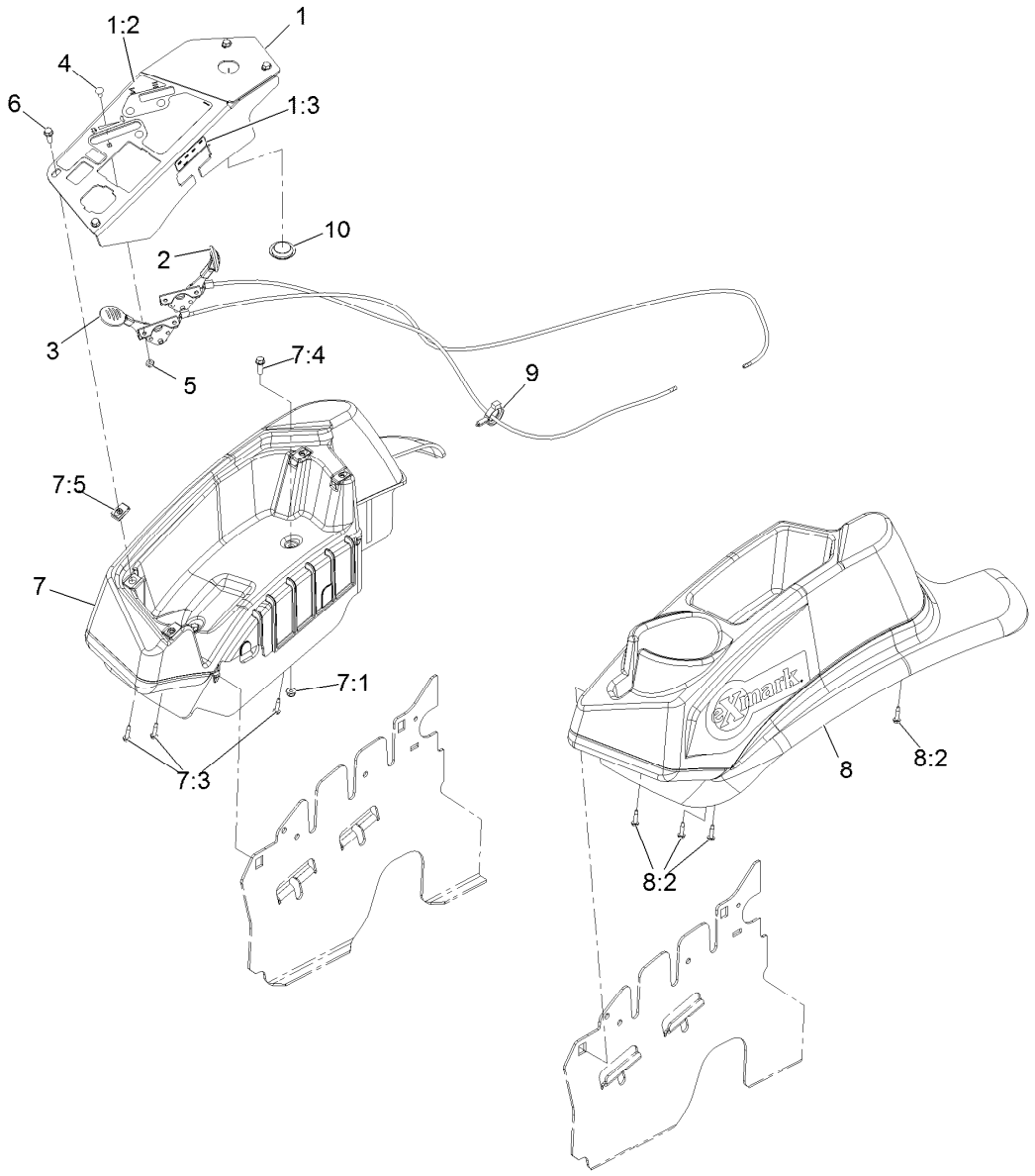
Deck Lift Assembly

Ref.	Part Number	Qty.	Description
1	86-1990	6	Washer
2	99-5107	12	Nut-Lock 1/2-13
3	104-8301	12	Nut-Nyloc 3/8-16 Flg
4	109-5013	1	Panhard Rod ASM
4:2	109-5009	2	Bushing-Suspension, Rubber
4:3	109-5010	2	Spacer
5	109-7173	2	Bearing-Cross Shaft, Rear
6	116-1919-01	1	Lever-Foot
7	109-7438	1	HOC ASM
8	116-1771-03	1	Deck Lift-Front
9	116-0818-03	2	Support-Cross Shaft, Rear Bearing
10	109-7952	2	Deck Strut ASM
10:2	109-5009	2	Bushing-Suspension, Rubber
10:3	109-5010	2	Spacer
11	116-0797-03	1	Link-Lift, Deck
12	116-2645-03	1	Lift-Deck, Rear
13	116-5584	1	Pin-HOC
14	109-9409	2	Support-Cross Shaft, Front Bearing
15	109-9410	2	Bearing-Cross Shaft, Front
16	109-9840	4	Screw-Hex Flange 3/8-16 X .80
17	325-12	2	Screw-HH 1/2-13 X 3
18	325-17	1	Screw-HH 1/2-13 X 4
19	3231-2	2	Bolt-Carriage 3/8-16 X 1
20	3231-4	2	Bolt-Carriage 3/8-16 X 1 1/2
21	3231-5	4	Bolt-Carriage 3/8-16 X 1 3/4
22	3233-34	3	Bolt-Carriage 1/2-13 X 2 1/2
23	3296-23	1	Nut-Nyloc 1/2-13
24	116-1700	4	Bolt-Carriage 1/2-13 X 2 1/2 Spl Neck
25	116-0559	1	Bolt-HH 1/2-13 X 4 Tap
26	116-2022	2	Screw-Hex Flange 1/2-13 X 1.90
27	116-0827-01	1	Weight,Toe Board
28	321-8	4	Screw-HH 1/4-20 X 1 1/4
29	3256-22	4	Washer-1/4 Sae
30	104-7201	4	Nut-Nyloc 1/4-20 Flg
31	92-7674	1	Screw-Shcs 3/8-16 X 2.212
32	116-0886	1	Extension Spring ASM
33	109-9065	1	Screw-HH 7/16-14 X 2
34	32128-37	2	Nut-Whizlock 7/16-14
35	3256-28	2	Washer-3/4 Sae
36	116-2695	1	Spacer
37	109-8007	4	Link-Adjuster, Deck Lift
38	109-7840	4	Adjuster-Lift, Deck
39	109-8353	4	Trunnion
40	3218-5	4	Nut-Jam 1/2-13



Height-of-Cut Assembly No. 109-7438

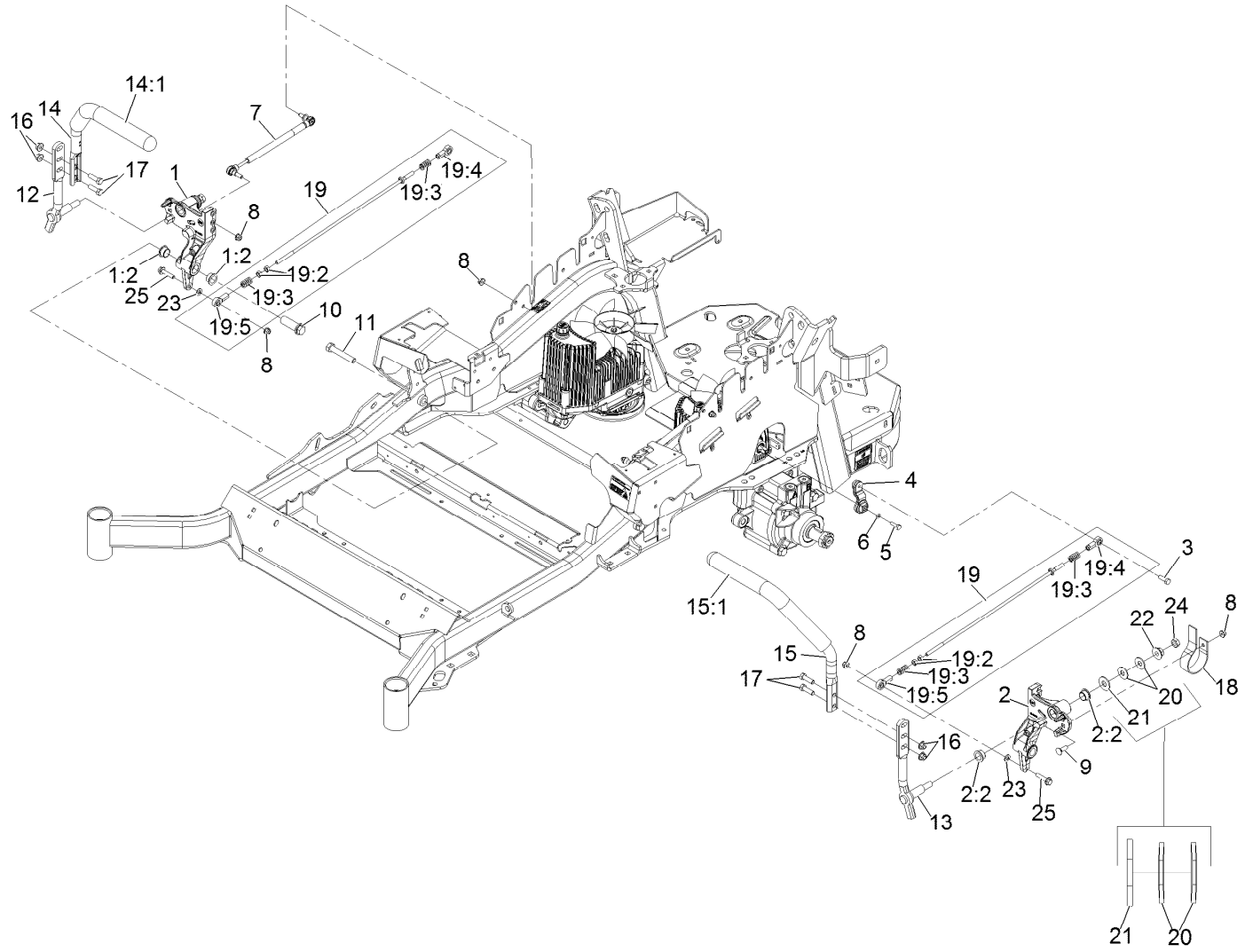
Ref.	*Part Number*	*Qty.*	*Description*
1	62-1330	1	Bolt-Shoulder
2	109-7130	1	Grommet
3	104-8301	1	Nut-Flange, NI
4	109-7124	1	Spring-Extension
5	109-7128	1	Rod-Lock, Transport
6	116-0118	1	Pawl-Transport, HOC
7	109-7335	1	HOC Plate ASM
7:2	116-0752	1	Decal-HOC
8	109-8250	1	Grip-Lever



Controls Assembly

Ref.	Part Number	Qty.	Description
1	116-1845	1	ASM,Console Panel W/Decal
1:2	109-8483	1	Decal-Control Panel
1:3	109-7330	1	Decal-Fuse
2	109-8165	1	ASM, Choke Cable
3	116-0969	1	ASM,Throttle Cable
4	1-807513	4	Bolt-Carriage #10-24 X 1/2
5	3296-2	4	Nut-Nyloc #10-24
6	32105-15	4	Screw-Machine 1/4-20 X 3/4

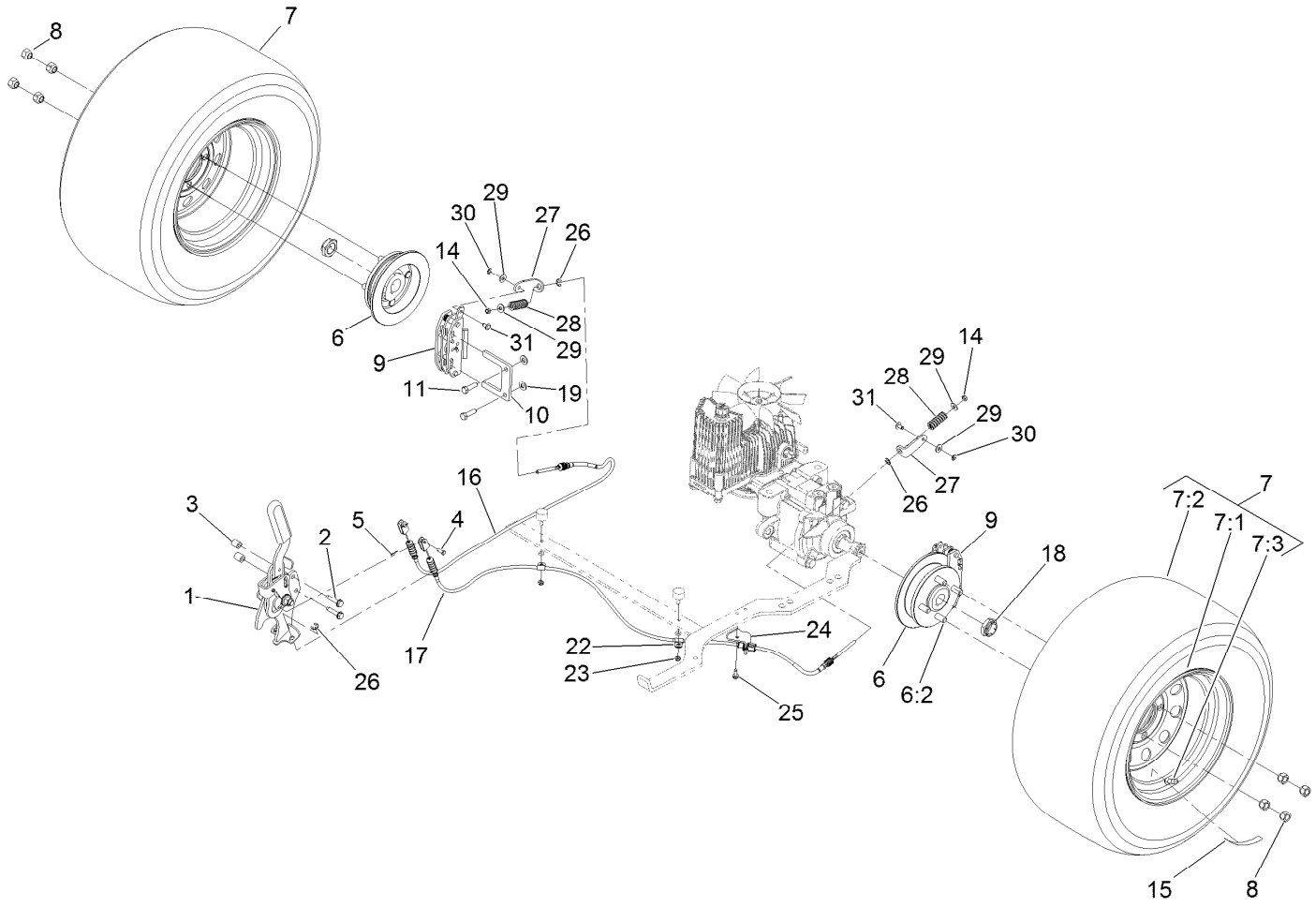
Ref.	Part Number	Qty.	Description
7	109-9341	1	Console,RH Narrow ASM
7:1	104-7201	2	Nut-Nyloc 1/4-20 Flg
7:3	109-9345	3	Screw-HWH #10-14 X 3/4 Tf
7:4	32105-15	2	Screw-Machine 1/4-20 X 3/4
7:5	107069	4	Nut-Retainer-Panel 1/4-20
8	109-9342	1	Console.LH Narrow ASM
8:2	109-9345	4	Screw-HWH #10-14 X 3/4 Tf
9	105-1853	1	Clamp-Hose
10	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
10	109-5891	2	Hub-Threaded
11	325-12	2	Screw-HH 1/2-13 X 3
12	116-0039	1	Lever-Control Motion, RH
13	116-0040	1	Lever-Control Motion, LH
14	109-6589	1	RH Steering Handle ASM
14:1	109-5668	1	Grip-Control, Lever
15	109-6590	1	LH Steering Handle ASM
15:1	109-5668	1	Grip-Control, Lever
16	104-8301	4	Nut-Nyloc 3/8-16 Flg
17	323-7	4	Screw-HH 3/8-16 X 1 1/4
18	109-5575	2	Spring-Leaf
19	109-8107	2	Pump Linkage Rear ASM
19:2	3219-2	2	Nut-Hex 5/16-24
19:3	1-323245	2	Spring-Compression
19:4	1-633152	1	Balljoint
19:5	1-543017	1	Balljoint
20	109-9505	4	Washer, Spring Disc 1/2
21	3256-6	2	Washer
22	32128-56	2	Nut-Hex 1/2-13 Flange
23	3256-23	2	Washer-5/16 Sae
24	3218-5	2	Nut-Jam 1/2-13
25	115-1794	2	Screw-Hex Flange 5/16-18 X 1 1/2

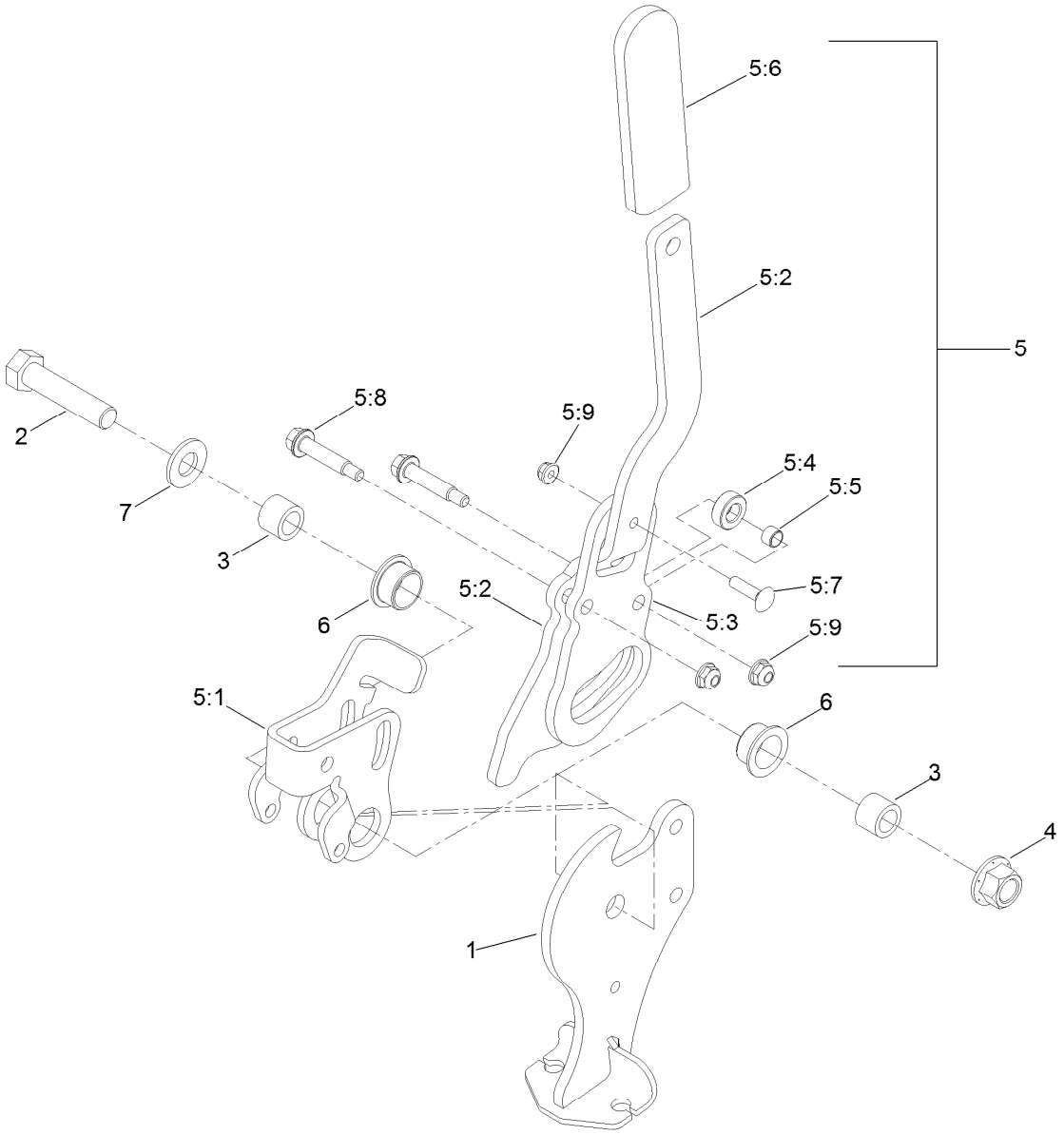
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Rear Wheel and Park Brake Assembly

Ref.	Part Number	Qty.	Description
1	116-7551	1	Brake Handle ASM
2	32144-57	2	Screw
3	82-6840	2	Spacer
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	109-3050	2	Wheel And Tire ASM
7:1	109-3645	1	Rim ASM
7:2	103-2771	1	Tire
7:3	232-27	1	Stem-Valve
8	242-50	8	Nut-Lug 1/2-20
9	109-2889	2	Caliper-Brake
10	109-0958	2	Plate-Mount, Brake
11	92-5727	4	Screw-HH 3/8-16 X 1 1/4 Patch Lock

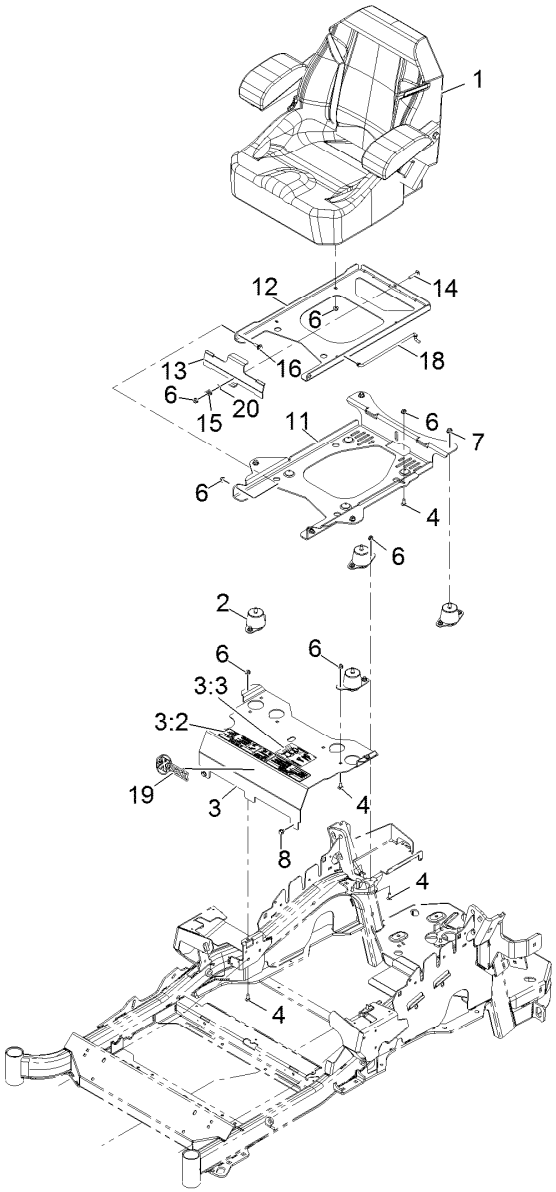
Ref.	Part Number	Qty.	Description
14	3296-13	2	Nut-Nyloc 1/4-28
15	116-2643	2	Decal-Wheel Nut Torque
16	116-6364	1	Cable-Park Brake, RH
17	116-6365	1	Cable-Park Brake, LH
18	116-1399	2	Locknut
19	3256-24	4	Washer-3/8 Sae
22	88-7970	2	Clip
23	3296-56	2	Nut-Nyloc 1/4-20 Thin
24	116-6397	1	Bracket-Cable
25	32144-10	1	Screw-HWH 1/4-20 X .62
26	32120-18	4	E-Ring
27	116-6182	2	Bracket-Brake, L
28	116-6347	2	Spring-Die
29	3256-22	4	Washer-1/4 Sae
30	32151-86	2	E-Ring
31	116-6348	2	Pin-Brake



Parking Brake Handle Assembly No. 116-7551

Ref.	*Part Number*	*Qty.*	*Description*
1	116-7263	1	Brake Pivot ASM
2	325-9	1	Screw-HH 1/2-13 X 2 1/4
3	116-5384	2	Spacer
4	99-5107	1	Nut-Lock 1/2-13
5	116-6860	1	Handle ASM
5:1	116-6856	1	Bellcrank-Brake
5:2	116-6857	1	Handle-Brake
5:3	116-6858	1	Plate-Handle

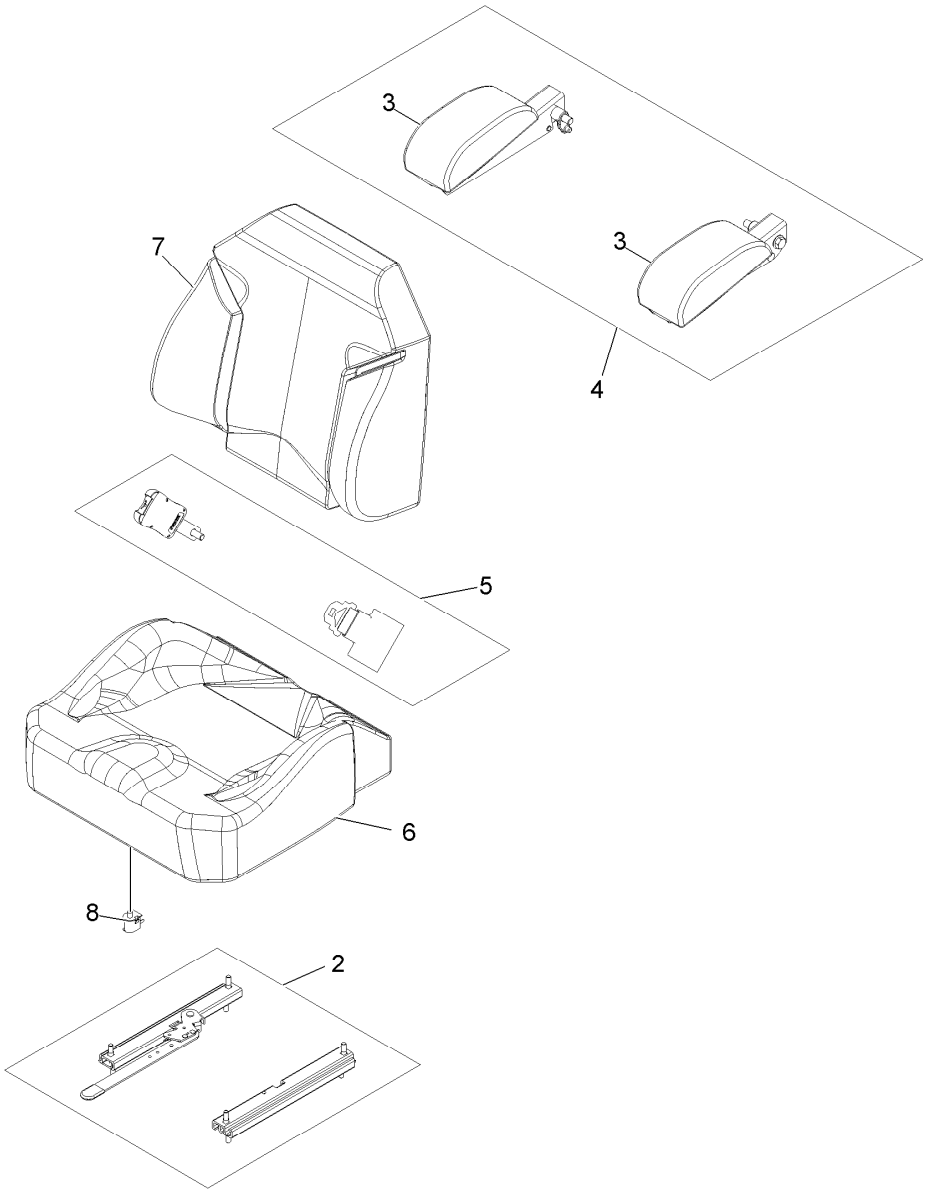
Ref.	*Part Number*	*Qty.*	*Description*
5:4	116-6846	1	Roller-Brake
5:5	116-6852	1	Bearing-Sleeve
5:6	1-633268	1	Grip-Lever
5:7	3229-2	1	Bolt-Carriage 1/4-20 X 1
5:8	116-6876	2	Screw-Shoulder
5:9	104-7201	3	Nut-Nyloc 1/4-20 Flg
6	109-8054	2	Bushing-Flanged
7	3256-26	1	Washer-1/2 Sae



Seat Assembly

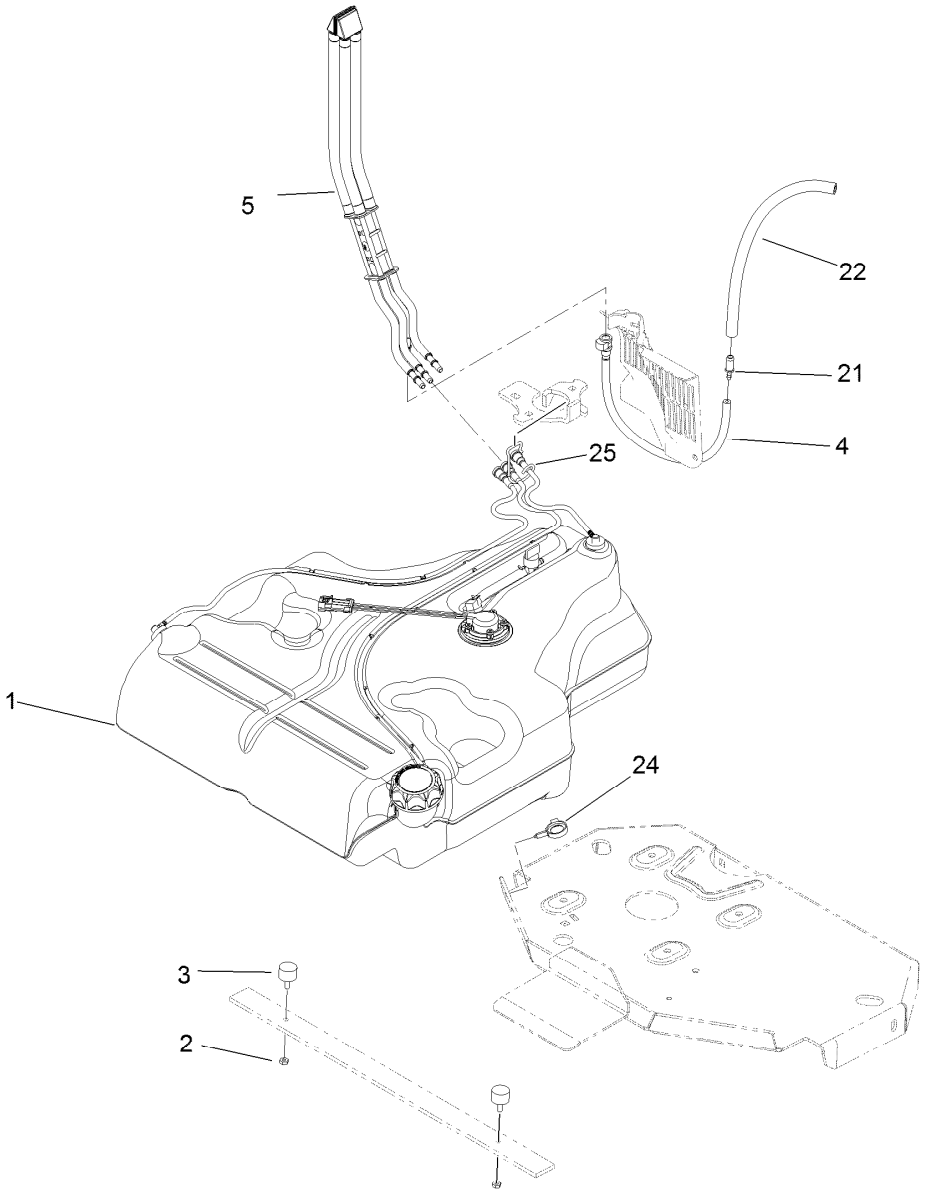
Ref.	Part Number	Qty.	Description
1	116-4474	1	Seat,Exmark Standard Service
2	109-9034	4	Isolator-Seat
3	116-2323	1	Mount-Seat
3:2	109-7069	1	Decal-Console
3:3	116-0211	1	Decal-Service Aid
4	3230-23	11	Bolt-Carriage 5/16-18 X 3/4 Short Neck
6	104-8300	18	Nut-Nyloc 5/16-18 Flg
7	104-8301	4	Nut-Nyloc 3/8-16 Flg
8	9266934	2	Screw-HWH 5/16 X 1/2 Tf

Ref.	Part Number	Qty.	Description
11	116-3860-03	1	Plate-Tilt, Seat Support
12	116-3859-03	1	Plate-Seat, Frame
13	109-9881-03	1	Plate-Latch, Seat
14	3230-4	1	Bolt-Carriage 5/16-18 X 1 1/2
15	107-3017	1	Spring-Compression
16	116-1297	2	Screw-Shoulder
18	116-0070	1	Rod-Prop
19	103-2883	1	Decal,Exmark Logo
20	3256-23	1	Washer-5/16 Sae



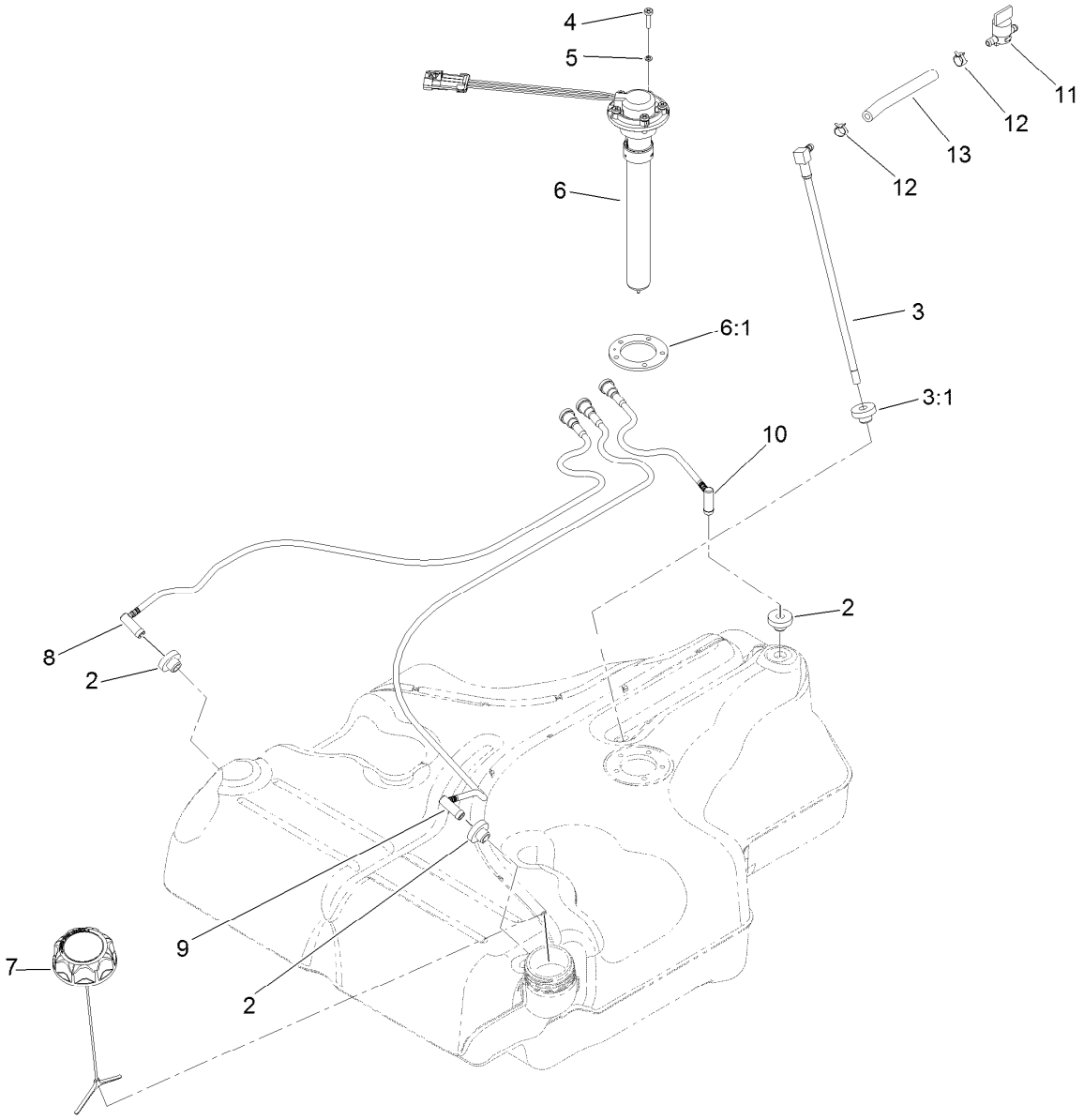
Seat W/Tracks Assembly No. 116-4474

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



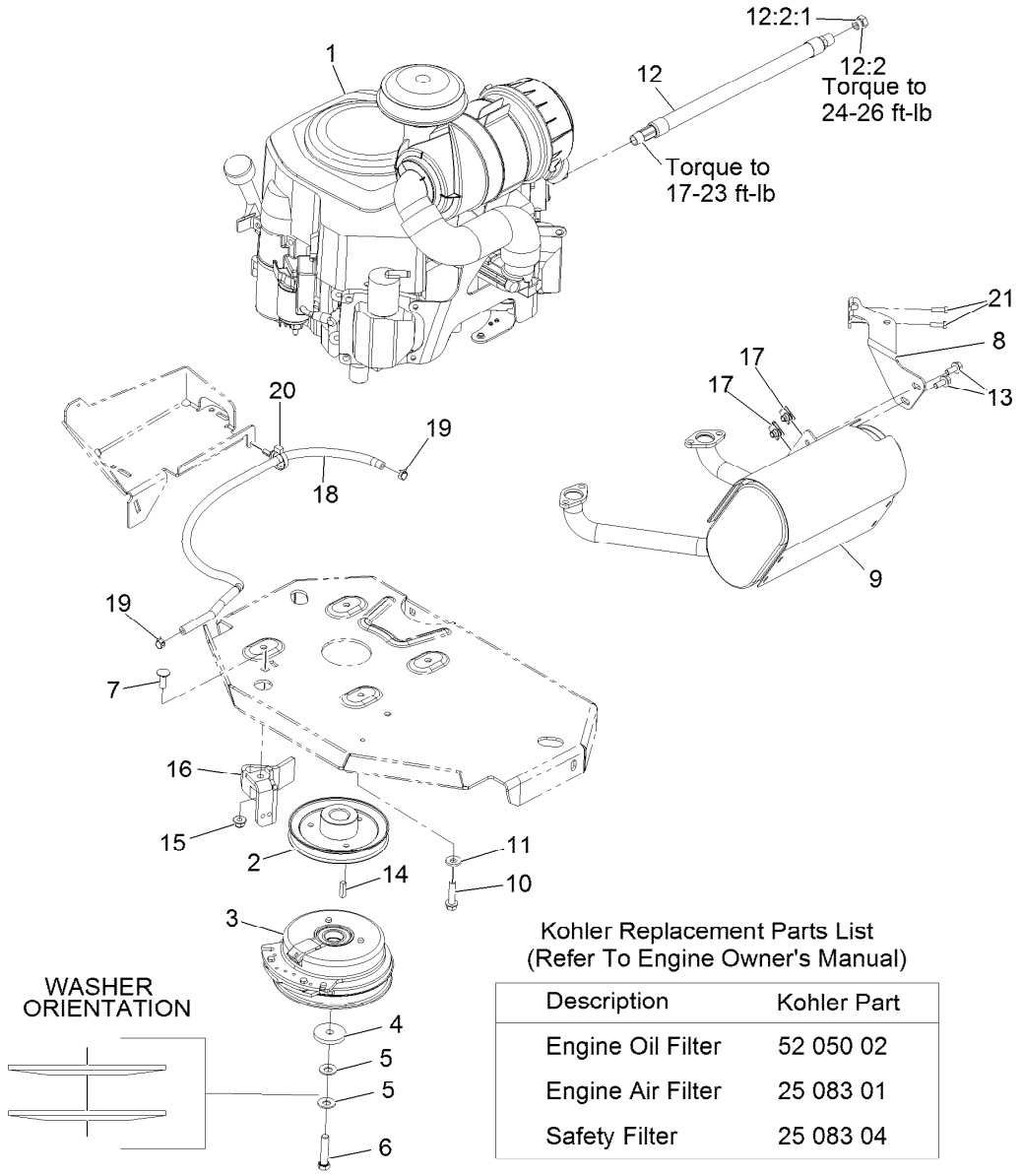
Fuel Tank Mounting Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	116-3979	1	Fuel Tank ASM
2	3218-1	2	Nut-Jam
3	116-6380	2	Bumper-Rubber (W/ Stud)
4	116-3977	1	Hose ASM
5	109-9491	1	Fuel Manifold Vent ASM
21	98-2952	1	Fitting-Straight
22	116-5087	1	Hose-Fuel
24	105-1853	1	Clamp-Hose
25	116-6005	1	Retainer-Vapor Line



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)
3:1	46-6560	1	Bushing
4	9107944	5	Screw-Pan
5	3253-17	5	Washer-Lock
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



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

Description	Kohler Part
Engine Oil Filter	52 050 02
Engine Air Filter	25 083 01
Safety Filter	25 083 04

Engine Assembly

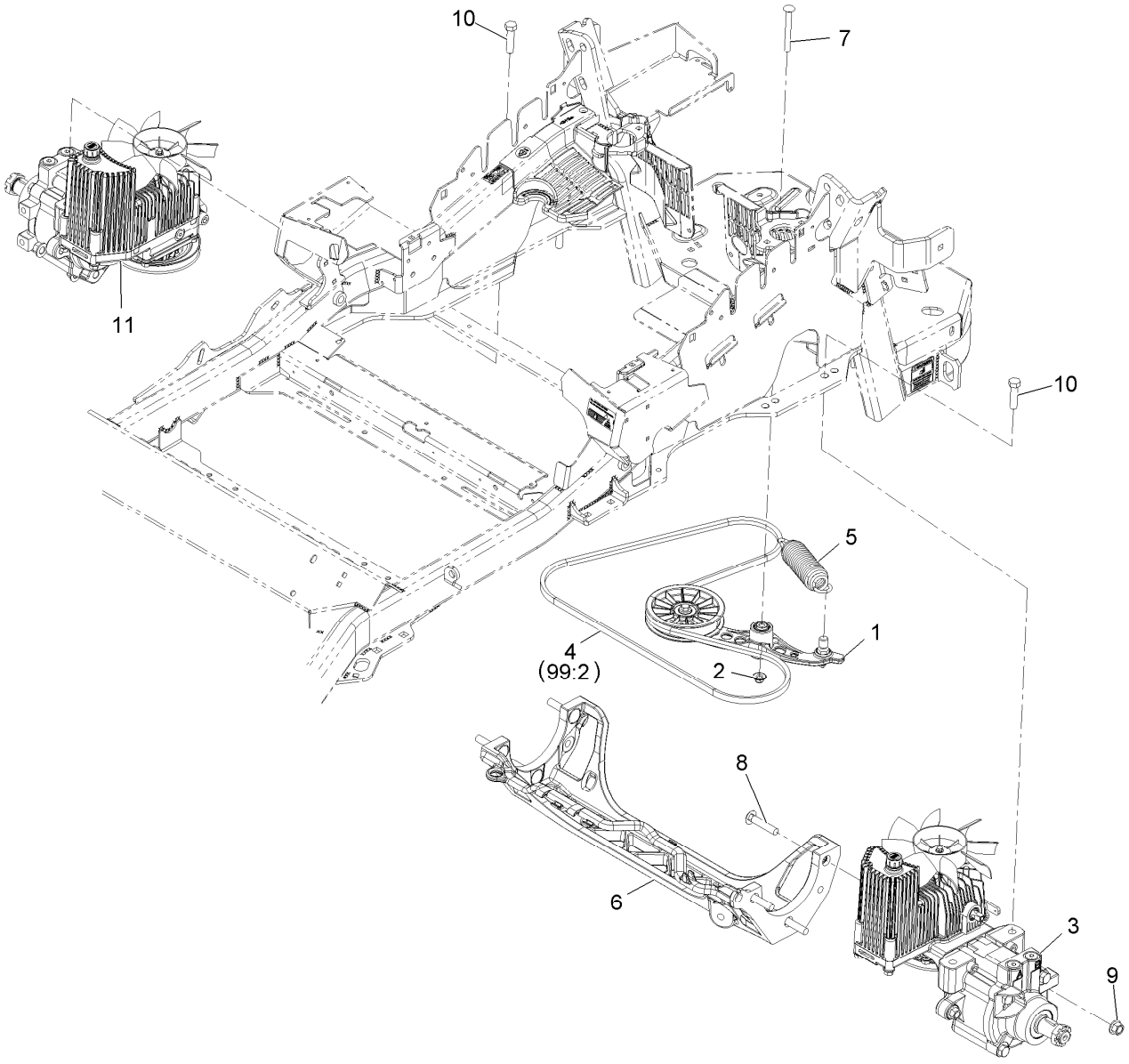
Ref.	*Part Number*	*Qty.*	*Description*
1		1	Engine-Kohler ●■
2	109-9905	1	Sheave
3	116-1620	1	Clutch Kit
4	109-6919	1	Washer-Clutch
5	1-603610	2	Washer-Spring Disc 7/16
6	109-9762	1	Screw-HH 7/16-20 X 2 W/Loctite ▲
7	3231-22	1	Bolt-Carriage 3/8-16 X 1
8	116-4297	1	Muffler Bracket Kit
9	116-1713	1	Muffler
10	32144-102	4	Screw-HWH 3/8-16 X 1 1/2 Taptite
11	98-5975	4	Washer-Spring Disc 3/8

Ref.	*Part Number*	*Qty.*	*Description*
12	116-5316	1	Oil Drain Hose ASM
12:2	353-508	1	Plug-W/O-Ring
12:2:1	237-42	1	O-Ring
13	3234-5	3	Screw-HH Flg 5/16-18 X 3/4
14	1-807259	1	Key-Machine 1/4 X 1/4 X 1
15	104-8301	1	Nut-Nyloc 3/8-16 Flg
16	116-2612-01	1	Clutch-Anchor
17	94-2413	3	U-Nut
18	109-0286	1	Hose-Fuel Line 35"
19	2412-98	2	Clamp-Hose
20	104-2490	1	Clamp-Hose
21	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.

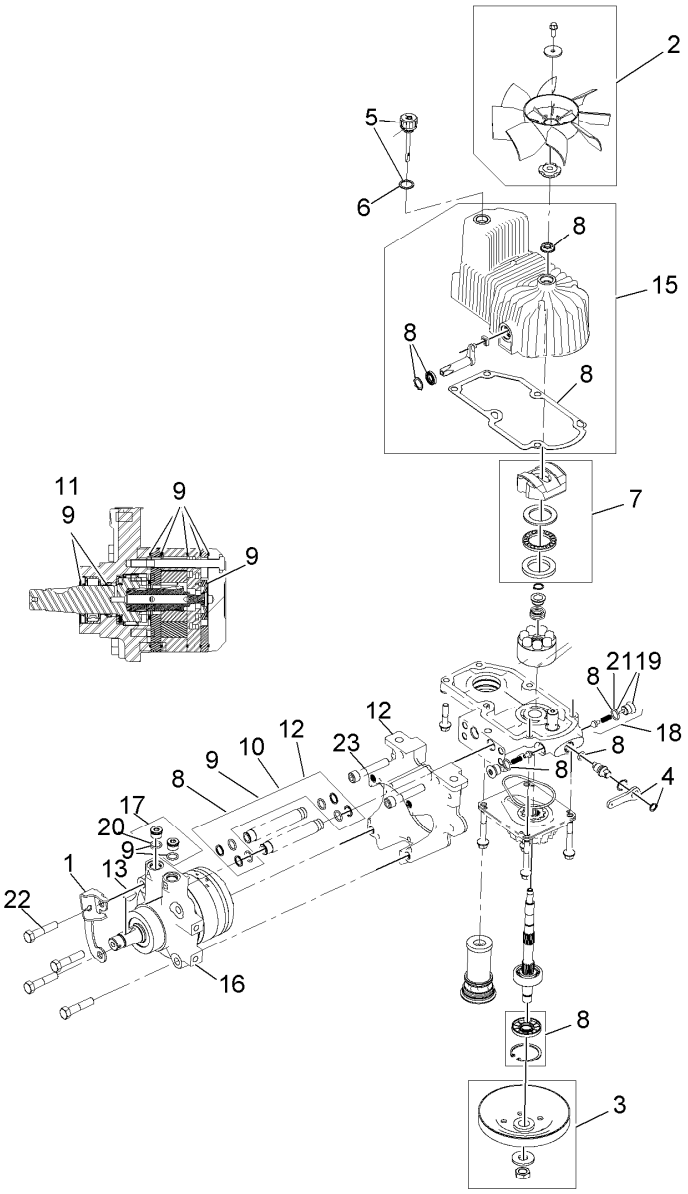
■ Obtain parts from www.kohlerplus.com



Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	116-1255	1	Pump Idler ASM
2	109-6658	1	Nut-Nyloc 3/8-16 Flg
3	116-6411	1	LH Hydro ASM (12Cc W/Check)
4	109-3388	1	Belt
5	116-6317	1	Spring-Extension
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	116-6412	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 ●

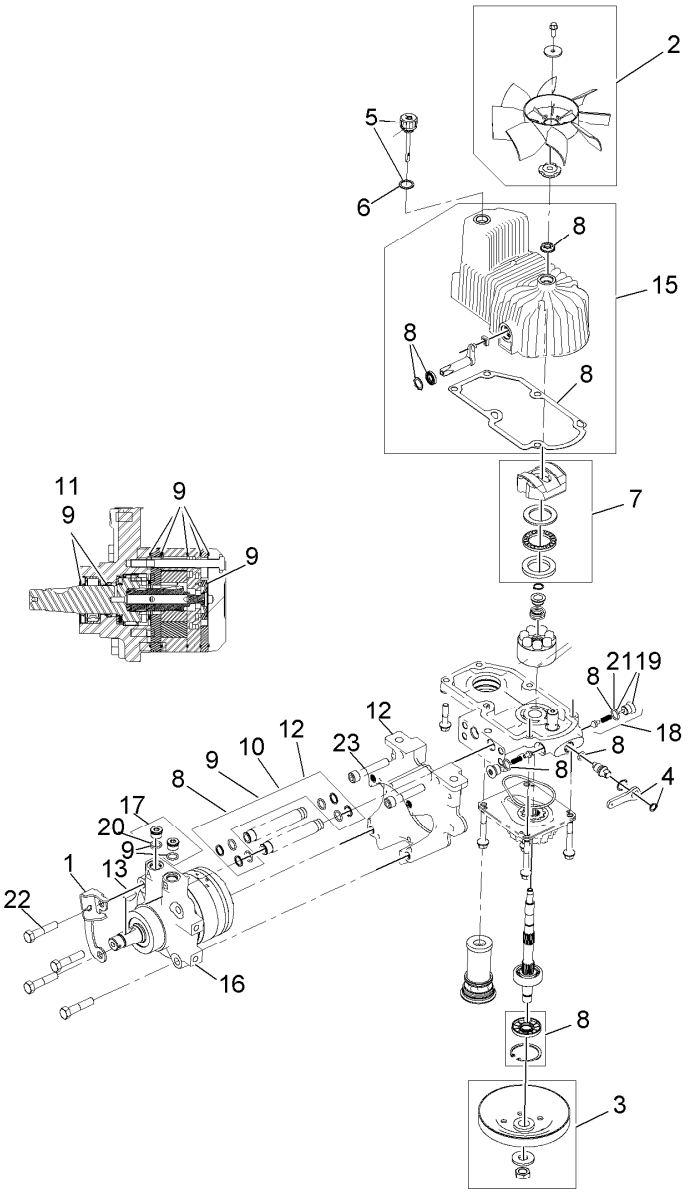
● Not illustrated



LH Hydro Assembly No. 116-6411

Ref.	Part Number	Qty.	Description
1	116-6859	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	116-5469	1	Nose Cup-Uht
13	3257-42	1	Key-Woodruff 5/16 X 1
15	116-3287	1	Housing-LH
16	116-8915	1	Motor-Hydraulic LH 240Cc
17	116-7901	1	Kit-Service Magnetic Plugs
18	116-1630	2	Check Valve ASM
19	116-1631	2	Plug-Check, W/O-Ring
20	76-1900	2	O-Ring
21	116-8662	2	O-Ring,Check Valve
22	116-8974	4	Screw-HH 1/2-20 X 2 1/4
23	116-8975	2	Screw-HSH 1/2-20 X 2 3/4
99	116-1373	1	Flow Test Kit ●

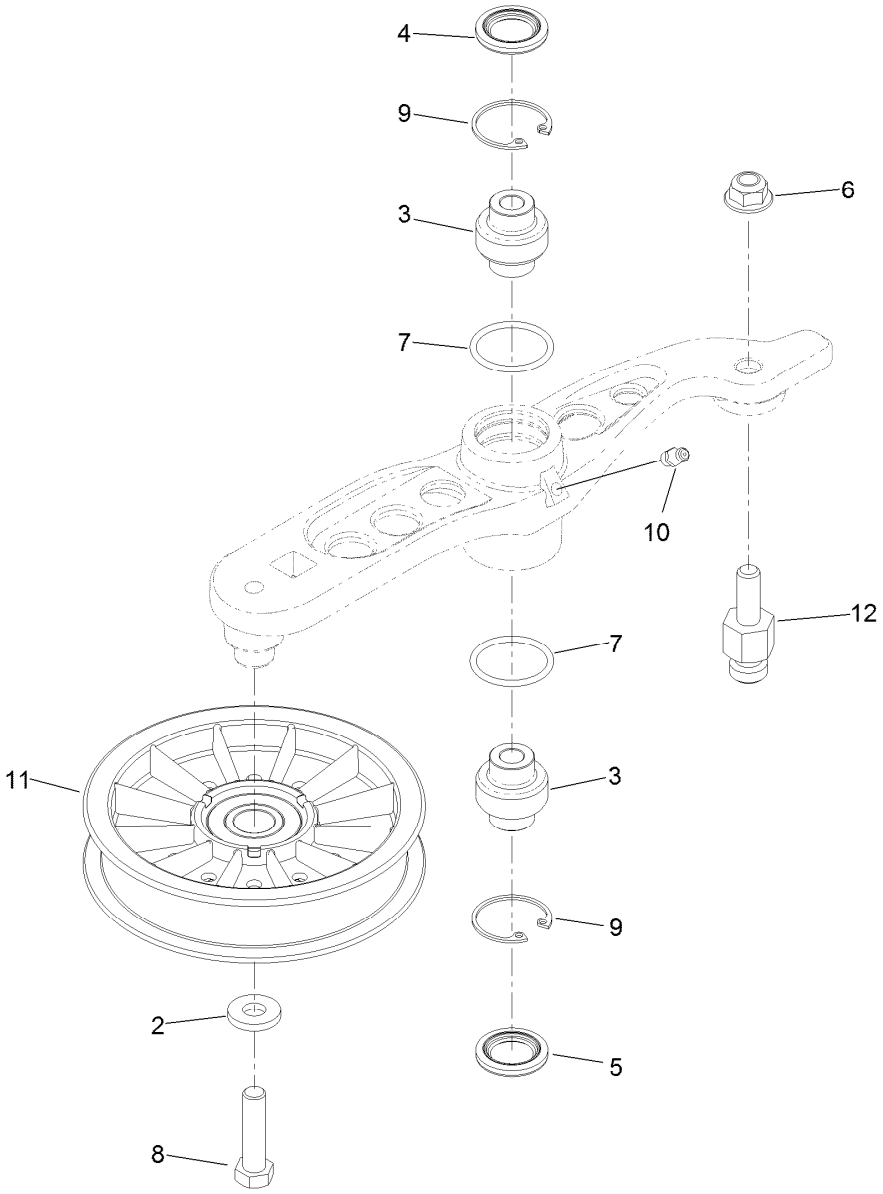
● Not illustrated



RH Hydro Assembly No. 116-6412

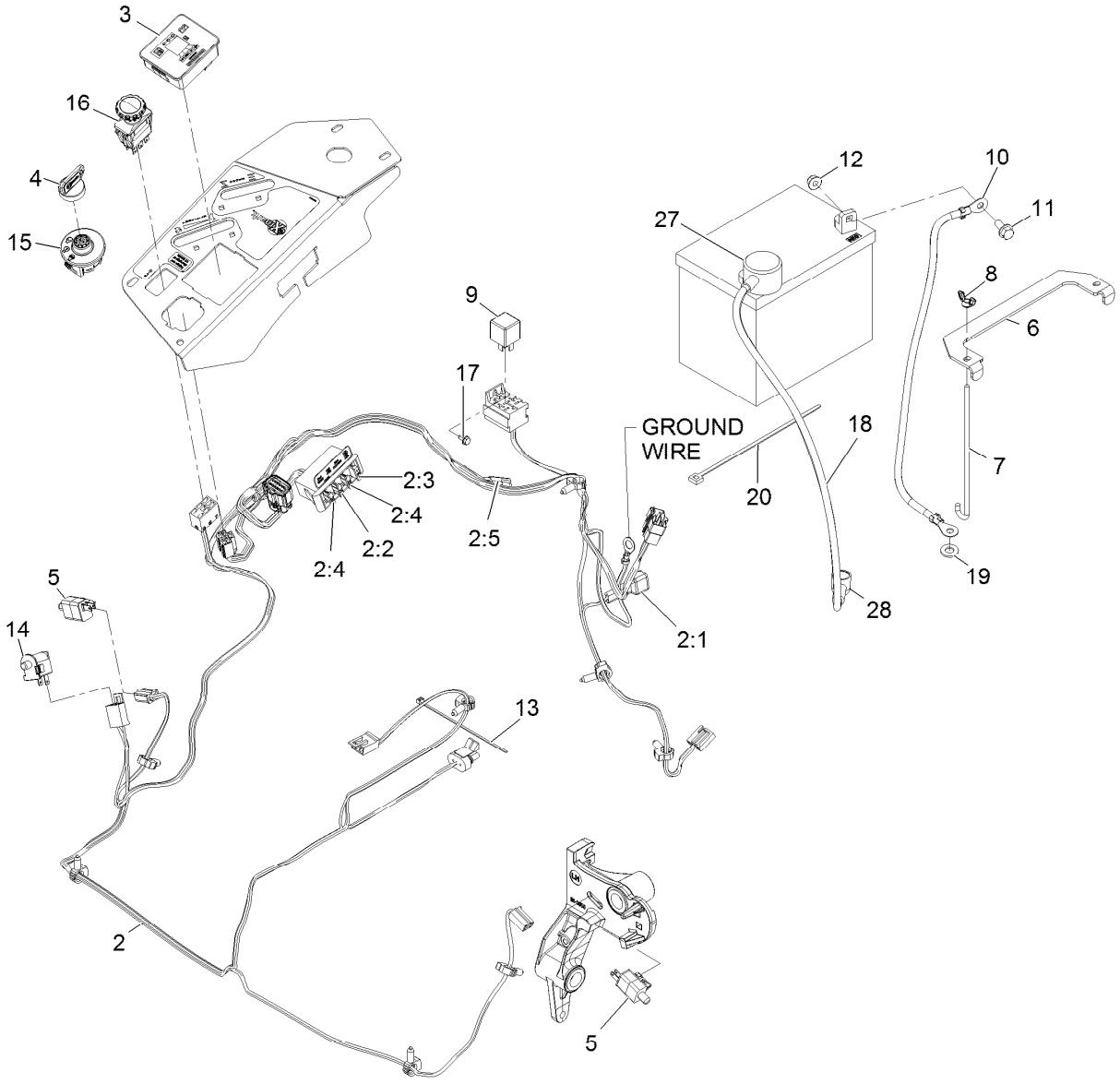
Ref.	Part Number	Qty.	Description
1	116-6859	1	Bracket-Anchor, Cable
2	116-0233	1	Fan Kit
3	116-0234	1	Pulley Kit
4	116-0235	1	Handle-Bypass Valve, Hydro
5	116-0236	1	Dipstick-Hydro W/Gasket
6	116-0237	1	Gasket-Dipstick, Hydro
7	116-1367	1	Swash Block Kit
8	116-1368	1	Pump Seal Kit
9	116-1369	1	Motor Seal Kit
10	116-1370	1	Tube Seal Kit
11	116-1371	1	Output Shaft Seal Kit
12	116-5469	1	Nose Cup-Uht
13	3257-42	1	Key-Woodruff 5/16 X 1
15	116-3288	1	Housing-RH
16	116-8916	1	Motor-Hydraulic RH 240Cc
17	116-7901	1	Kit-Service Magnetic Plugs
18	116-1630	2	Check Valve ASM
19	116-1631	2	Plug-Check, W/O-Ring
20	76-1900	2	O-Ring
21	116-8662	2	O-Ring,Check Valve
22	116-8974	4	Screw-HH 1/2-20 X 2 1/4
23	116-8975	2	Screw-HSH 1/2-20 X 2 3/4
99	116-1373	1	Flow Test Kit ●

● Not illustrated



Pump Idler Assembly No. 116-1255

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



Electrical Assembly

Ref.	Part Number	Qty.	Description
2	116-6009	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

Ref.	Part Number	Qty.	Description
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
20	1-303335	1	Tie-Cable 7 15/16 (Large)
27	109-2407	1	Insulator-Battery
28	1-543393	1	Insulator-Solenoid

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

Notes:

Notes:

Notes:

EXMARK® MAINTENANCE

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.

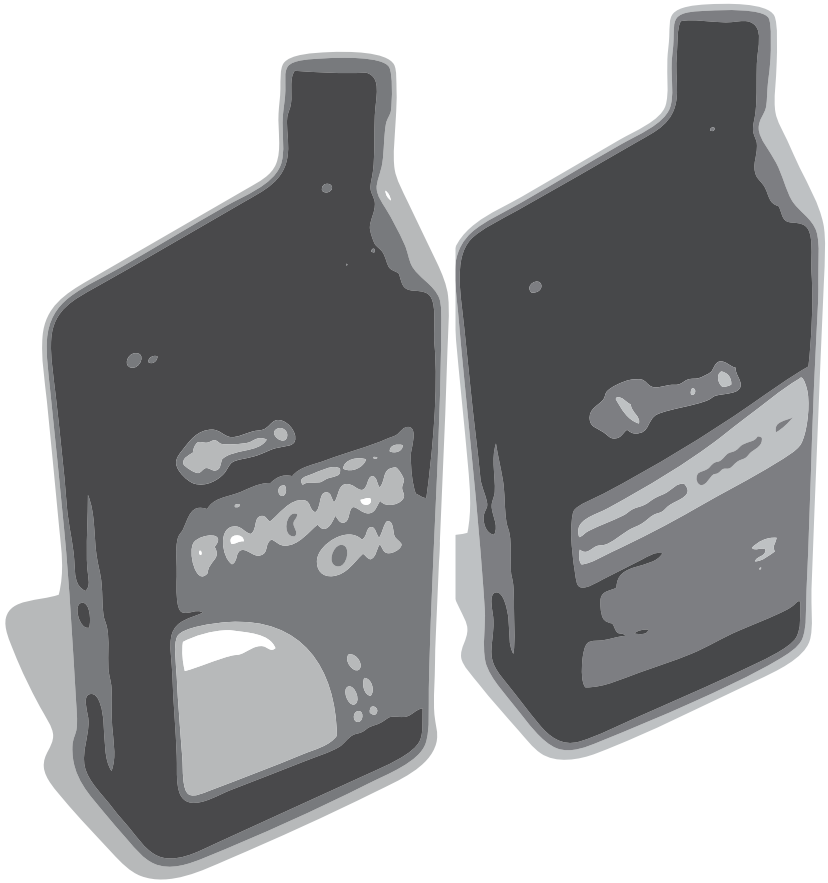
API 'SL' and JASO rated with wet clutch compatibility for other machines.

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

OUT-FRONT RIDING ACCESSORIES AND OPTIONS

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

WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER
MICRO-MULCH SYSTEM
TURF STRIPER
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.
All Rights Reserved

Industrial Park Box 808
Beatrice, NE 68310
(402) 223-6300
Fax (402) 223-5489

Part No. 4501-029 Rev. B
Printed in the USA.

www.exmark.com