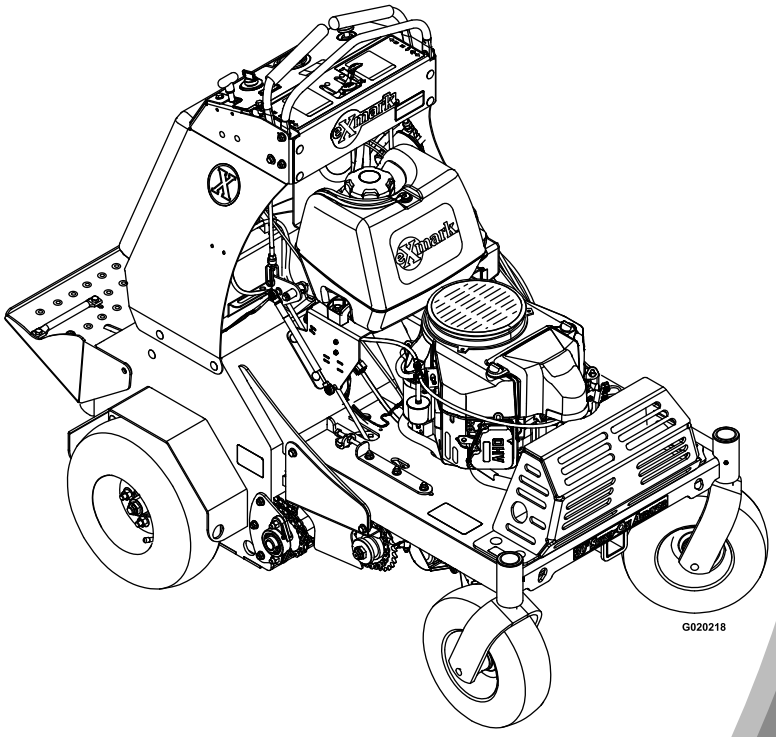
STAND-ON AERATOR

Model No. SAR481KA30CA—Serial No. 314000000 and Up

Picture below may not reflect actual product.



Parts Manual

Part No. 4501-991 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: Liquefied Petroleum Gas

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

Touch Up Paint

Exmark black touch up spray paint – gloss black.

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

© 2014—Exmark Mfg. Co., Inc.
Industrial Park Box 808
Beatrice, NE 68310

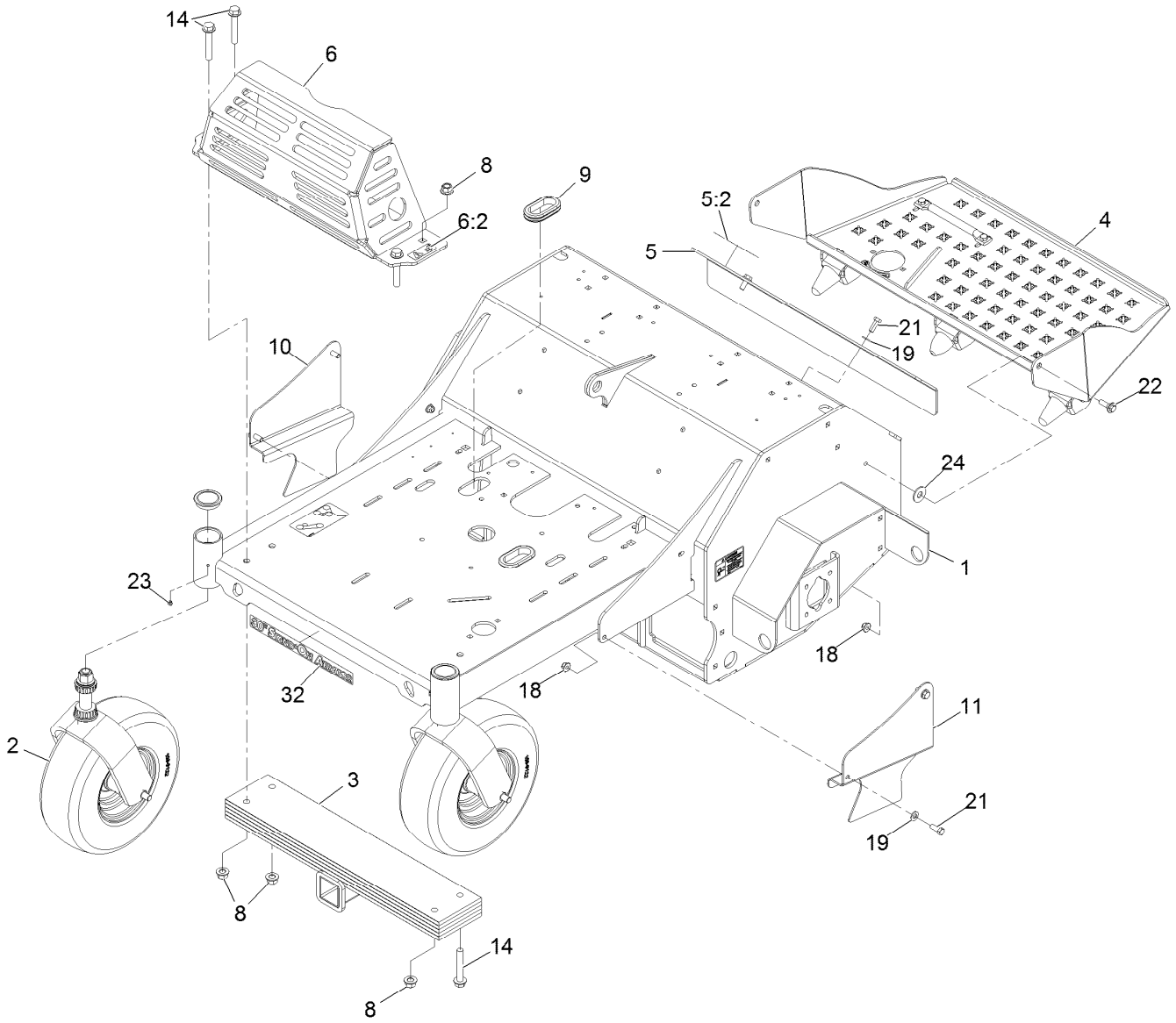
Contact us at www.Exmark.com.
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If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark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

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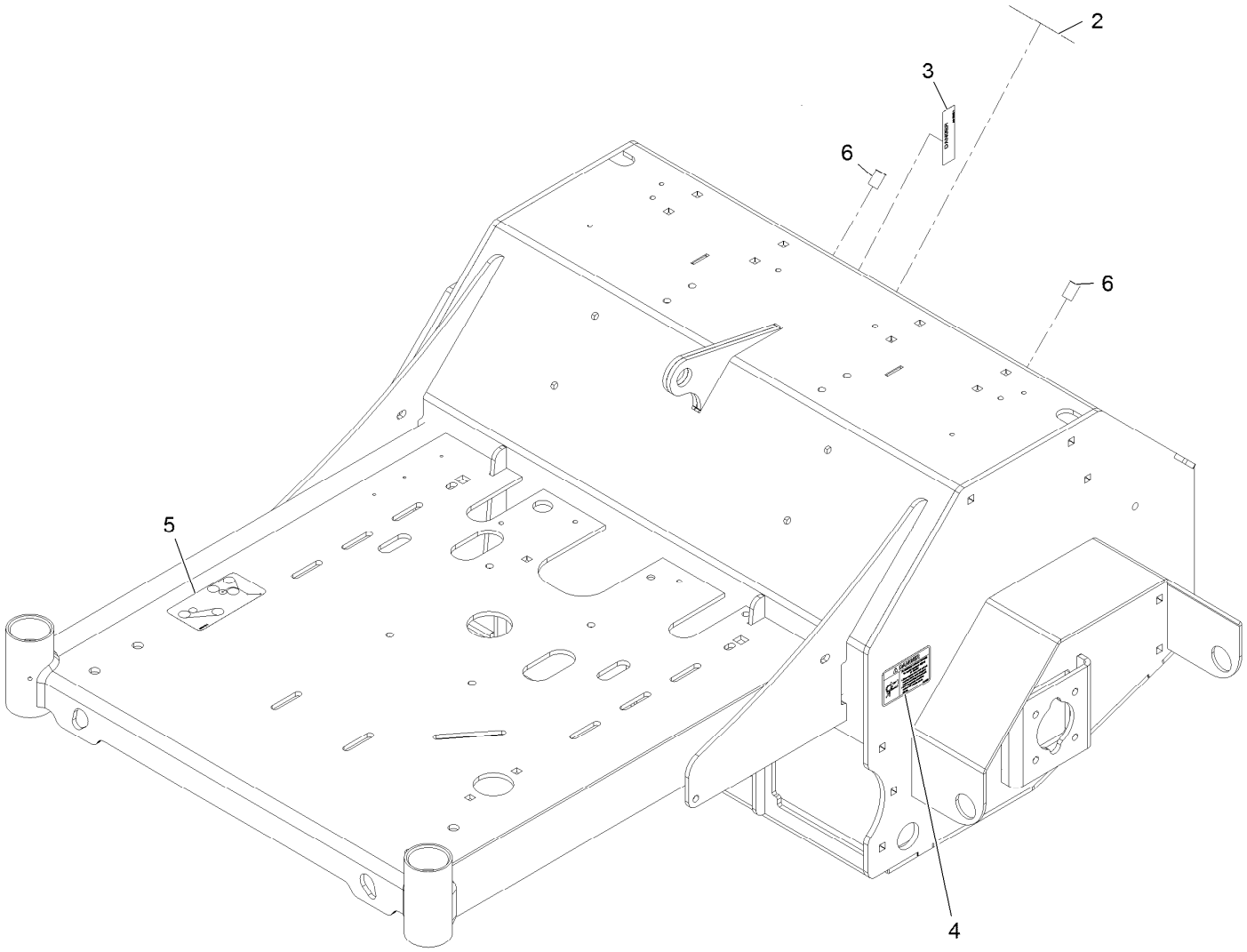


Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	116-8134	1	Frame-Main ASM W/Decals
2		2	Front Caster ASM W/Fork ●
3	116-6536-01	1	Weight
4	116-9134	1	Platform ASM W/Decal & Rocker
5	116-6939	1	Access Cover ASM
5:2	116-6459	1	Decal-Tine Ground Operation
6	116-8258	1	Muffler Guard ASM
6:2	115-2047	2	Decal-Surface, Hot
8	99-5107	4	Nut-Lock 1/2-13
9	126-0015	2	Grommet

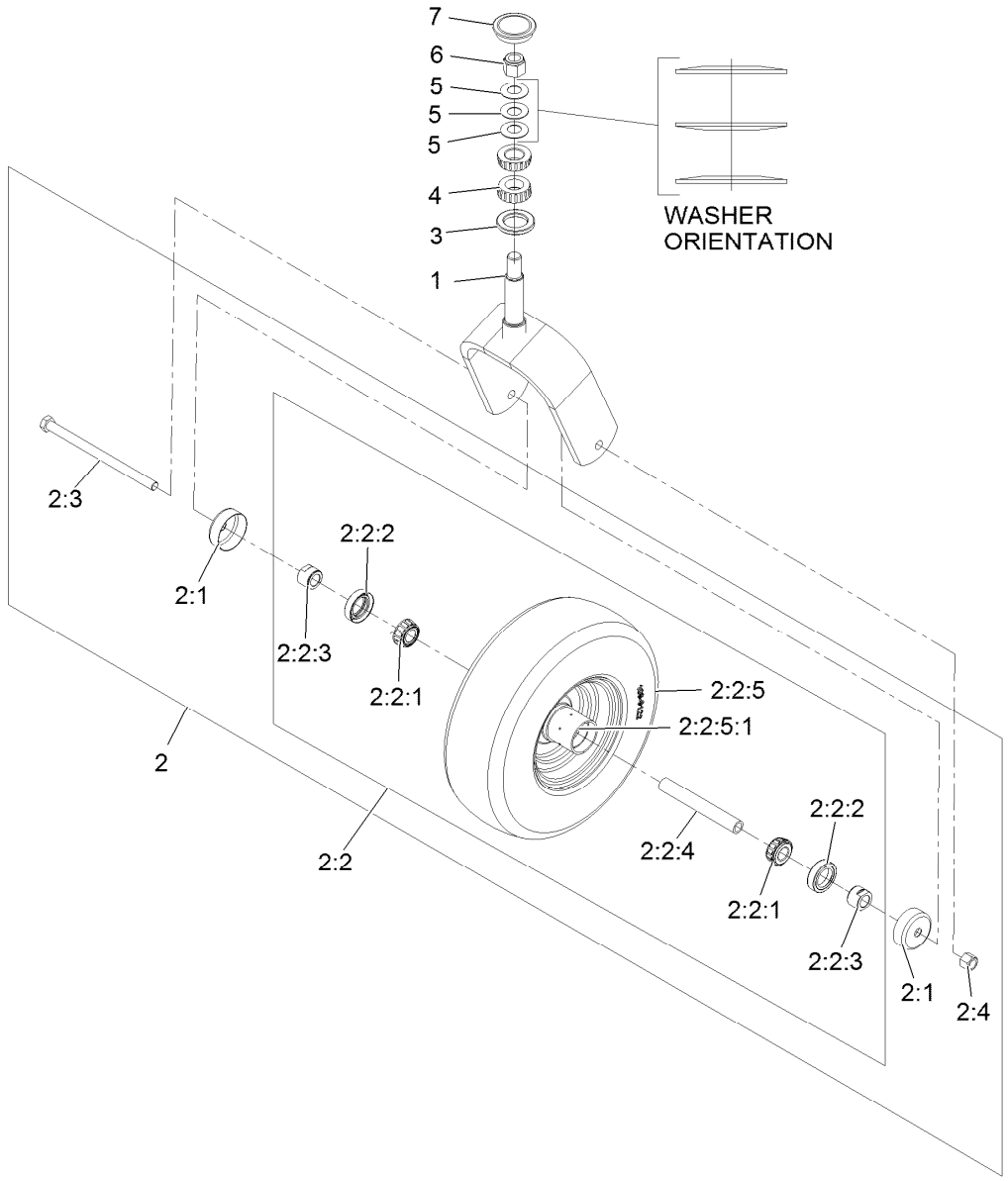
Ref.	Part Number	Qty.	Description
10	116-6612-01	1	Guard-Chain, RH
11	116-6611-01	1	Guard-Chain, LH
14	3234-40	4	Screw-HF
18	104-8301	6	Nut-Nyloc 3/8-16 Flg
19	3256-24	6	Washer-3/8 Sae
21	323-6	6	Screw-HH 3/8-16 X 1
22	614672	2	Screw-Shoulder 3/8-16 X 1.295
23	1-811010	2	Plug
24	3256-6	2	Washer
32	116-6952	1	Decal-Stand-On Aerator 30

● Not serviced separately



Main Frame W//Decals Assembly No. 116-8134

Ref.	*Part Number*	*Qty.*	*Description*
2	116-6455	1	Decal-Danger Rotating Tines
3	98-5954	1	Decal-Missing Cover
4	116-6456	2	Decal-Danger Chain Drive
5	116-9391	1	Decal-Belt Routing
6	32148-10	2	Insert-Nut

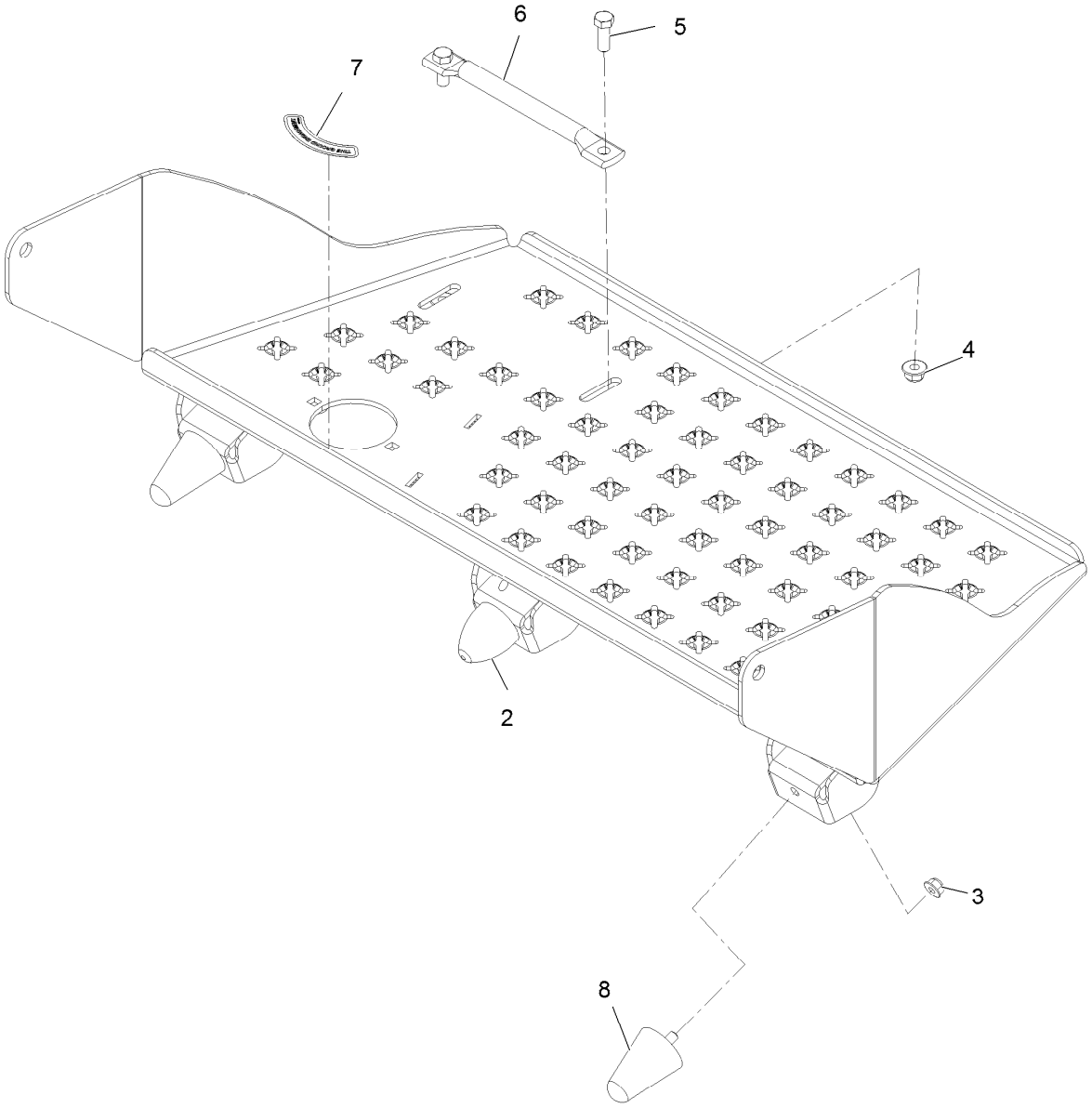


Caster Wheel and Fork Assembly

Ref.	Part Number	Qty.	Description
1	116-6704-01	1	Caster
2	109-9126	1	Wheel And Tire ASM
2:1	103-2768	2	Guard-Seal
2:2		1	Wheel And Tire ASM ●
2:2:1	1-633585	2	Bearing-Cone Tapered Roller
2:2:2	103-0063	2	Seal-Double Lip
2:2:3	103-3051	2	Spacer-Nut ■
2:2:4	103-3155	1	Axle-Caster
2:2:5		1	Wheel And Tire ASM ●

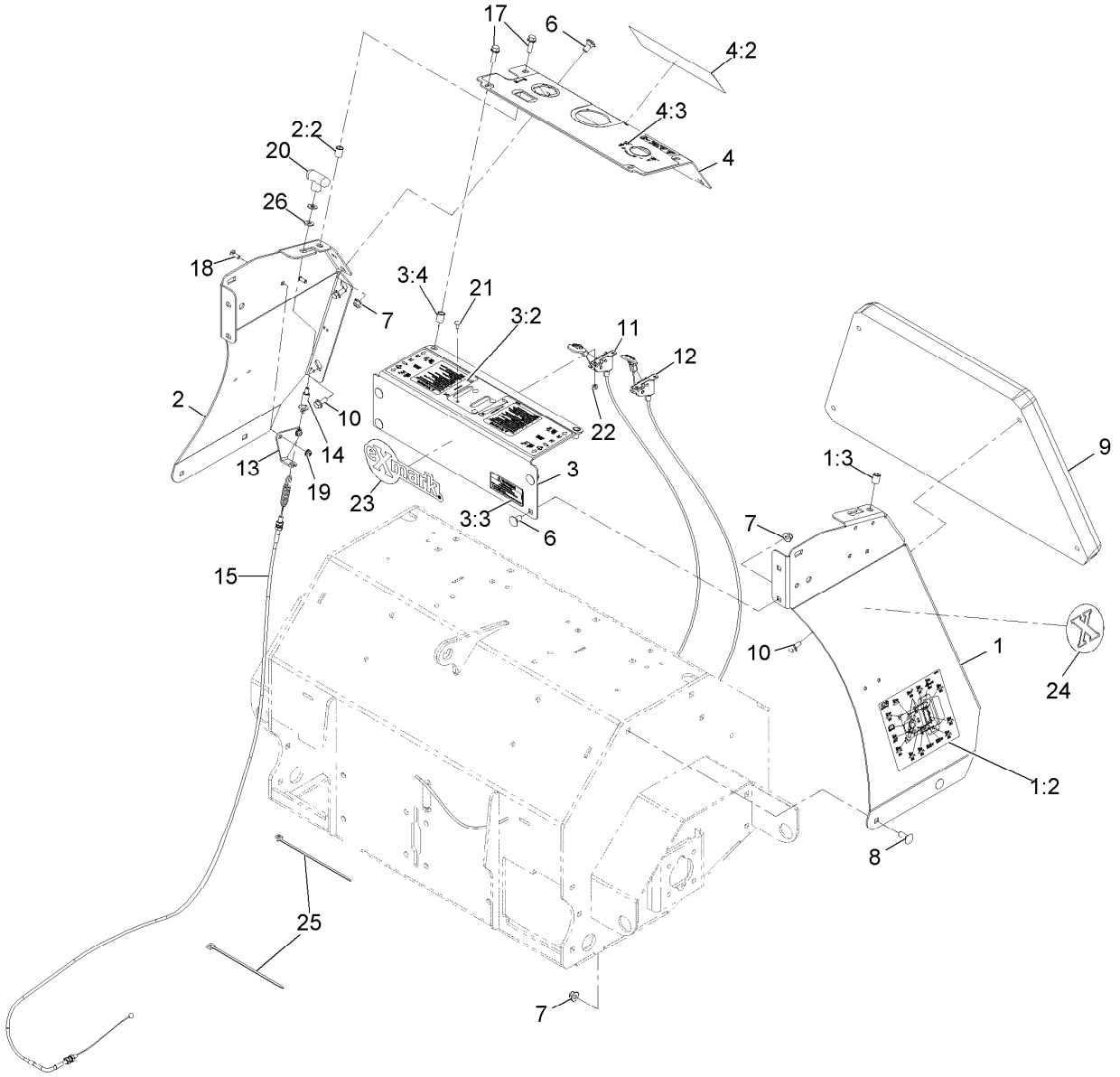
Ref.	Part Number	Qty.	Description
2:2:5:1	1-633584	1	Bearing-Cup
2:3	325-42	1	Screw-HH 1/2-13 X 8
2:4	3296-23	1	Nut-Nyloc 1/2-13
3	116-5647	1	Seal-Grease
4	1-543509	2	Cone-Bearing Tapered Roller
5	1-633508	3	Washer-Spring Disc
6	3296-51	1	Nut-Nyloc 3/4-10
7	103-4882	1	Cap-Grease

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



Platform W/Decal and Rocker Assembly

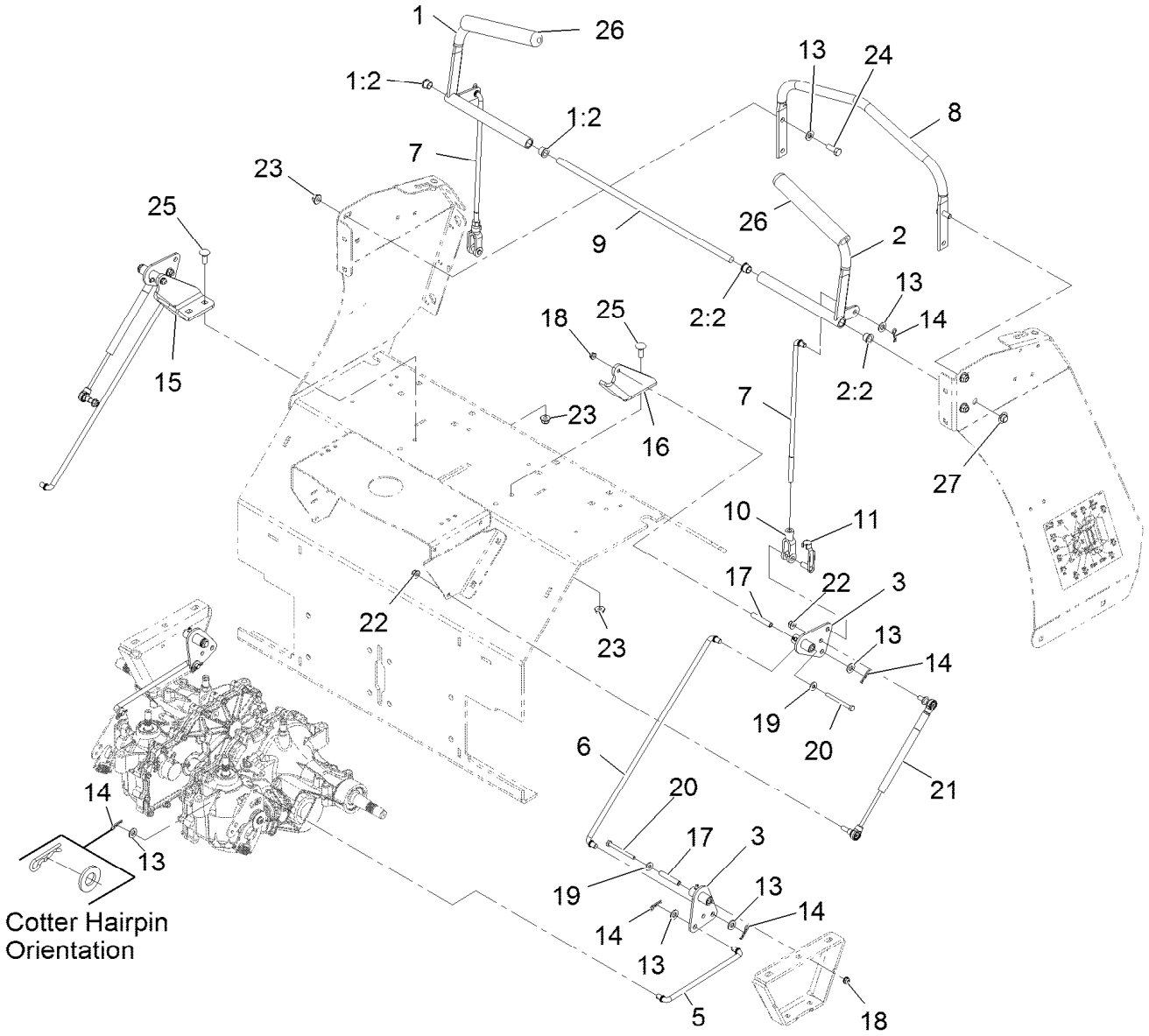
Ref.	*Part Number*	*Qty.*	*Description*
2	114-1926	1	Bumper-Rubber
3	104-8300	3	Nut-Nyloc 5/16-18 Flg
4	104-8301	2	Nut-Nyloc 3/8-16 Flg
5	323-6	2	Screw-HH 3/8-16 X 1
6	116-8950-03	1	Rocker-Foot Pedal
7	116-6460	1	Decal-Tine Ground Engagement
8	114-1925	2	Bumper-Rubber



Tower Assembly

Ref.	Part Number	Qty.	Description
1	116-9386	1	Panel-Side,LH W/Decals-Black
1:2	116-9392	1	Decal-Service Aid Ce
1:3	32148-7	1	Nut-Insert
2	116-7658	1	ASM-Panel,Side RH (Black)
2:2	32148-7	1	Nut-Insert
3	126-3135	1	ASM-Plate W/Decal
3:2	116-7027	1	Decal-Control Panel Warning
3:3	116-6457	1	Decal-Warning Stored Energy
3:4	32148-7	2	Nut-Insert
4	116-9141	1	ASM-Console W/Decal
4:2	116-7029	1	Decal-Slope Warning
4:3	116-9132	1	Decal-Danger, Control Panel
6	3231-1	6	Bolt-Carriage 3/8-16 X 3/4
7	104-8301	10	Nut-Nyloc 3/8-16 Flg
8	3231-2	4	Bolt-Carriage 3/8-16 X 1

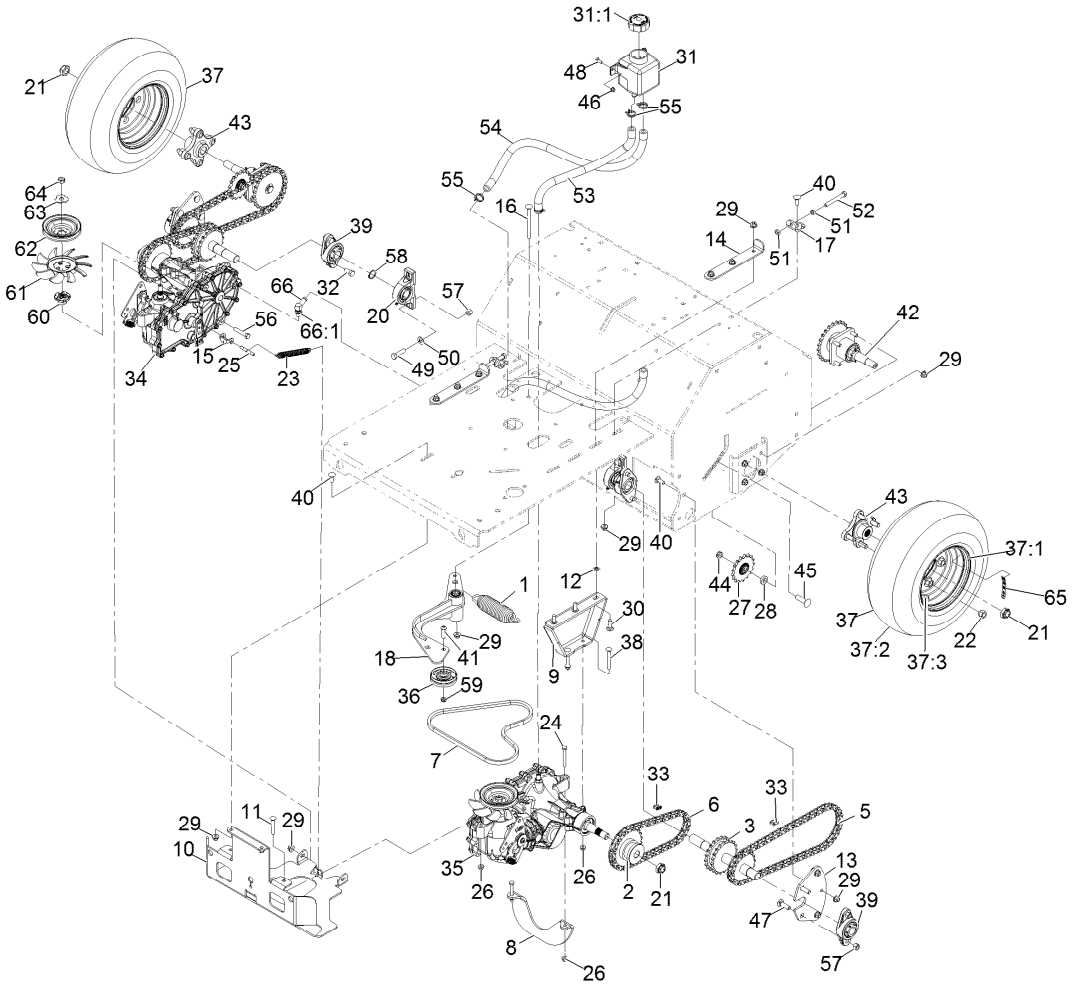
Ref.	Part Number	Qty.	Description
9	116-6765	1	Cushion, Grey
10	3234-5	4	Screw-HH Flg 5/16-18 X 3/4
11	109-9147	1	Control-Choke
12	109-3958	1	Control-Throttle
13	116-6630	1	Bracket-Cable, Brake
14	116-7504	1	Link-Cable, Brake
15	116-7503	1	Cable-Brake
17	3234-29	4	Screw-HH Flg 5/16-18 X 1
18	3229-1	2	Bolt-Carriage 1/4-20 X 3/4
19	104-7201	2	Nut-Nyloc 1/4-20 Flg
20	116-7607	1	Knob-Tee
21	1-807513	4	Bolt-Carriage #10-24 X 1/2
22	3296-2	4	Nut-Nyloc #10-24
23	103-2882	1	Decal, Exmark Logo
24	116-7034	2	Decal-Exmark X-Logo 3.85
25	1-303335	2	Tie-Cable 7 15/16 (Large)
26	3256-2	2	Washer-1/4 Std



Motion Control Assembly

Ref.	Part Number	Qty.	Description
1	116-6567	1	RH Control Handle ASM
1:2	116-4279	2	Bearing-Flange
2	116-6566	1	LH Control Handle ASM
2:2	116-4279	2	Bearing-Flange
3	126-0340	4	Bellcrank W/Zerk
5	116-6722	2	Link-Control, Hydro
6	116-9298	2	Link-Control, Bell Crank
7	116-6730	2	Link-Control, Bell Crank
8	116-6608-03	1	Bar-Reference
9	116-6607	1	Shaft-Pivot, Control
10	1-633131	2	Yoke-Linkage, Brake
11	103-2399	2	Pin-Clevis Spring 3/8
13	3256-24	14	Washer-3/8 Sae
14	1-806003	10	Hairpin-Cotter

Ref.	Part Number	Qty.	Description
15	116-6576-03	1	Bracket-Pivot, RH
16	116-6577-03	1	Bracket-Pivot, LH
17	116-7224	4	Spacer
18	104-7201	4	Nut-Nyloc 1/4-20 Flg
19	3256-2	4	Washer-1/4 Std
20	321-14	4	Screw-HH 1/4-20 X 2 3/4
21	116-0027	2	Damper-Control, Motion
22	104-8300	4	Nut-Nyloc 5/16-18 Flg
23	104-8301	8	Nut-Nyloc 3/8-16 Flg
24	323-6	4	Screw-HH 3/8-16 X 1
25	3231-2	4	Bolt-Carriage 3/8-16 X 1
26	103-8153	2	Grip-Lever, Control
27	32112-14	2	Nut-Push

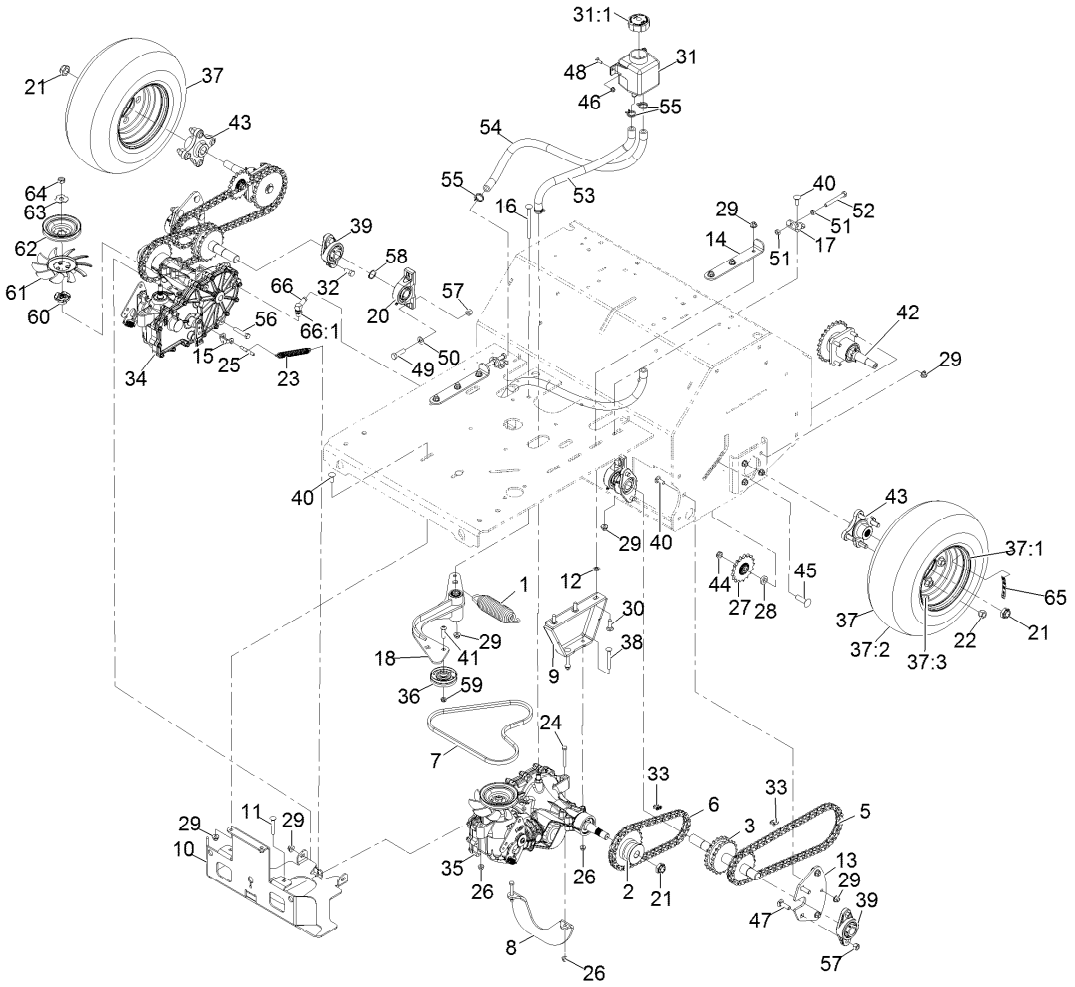


Ground Drive Assembly

Ref.	Part Number	Qty.	Description
1	116-6317	1	Spring-Extension
2	116-9305	2	Hub-Drive, Chain
3	116-9684	2	Jackshaft
5	116-6895	2	Chain-Roller, #50, 65 Links
6	116-6896	2	Chain-Roller #50, 47 Pitches
7	116-8874	1	Belt-4L Section
8	116-9127-03	1	Angle Brace
9	116-9710-03	2	Mount-Transmission
10	116-9711-03	1	Guard-Transmission
11	3230-7	2	Bolt-Carriage 5/16-18 X 2 1/4
12	107-3154	6	Nut-Push 3/8-16
13	116-6596-01	2	Plate-Jackshaft
14	116-6619	2	Plate-Adjustment, Transmission
15	116-7597	1	Yoke-Park Brake
16	9000779	1	Bolt 3/8-16 X 4 1/2
17	116-6723	2	Bracket-Hydro, Adjust
18	116-9307	1	Idler Arm ASM
20	116-6756	2	Bearing-Pillow Block
21	116-2839	4	Nut-Lock
22	242-50	8	Nut-Lug 1/2-20
23	76-4660	1	Spring-Door
24	322-12	2	Screw-HH 5/16-18 X 2 1/2
25	116-7596	1	Pin-Brake, Park
26	104-8300	8	Nut-Nyloc 5/16-18 Flg

Ref.	Part Number	Qty.	Description
27	116-6719	2	Sprocket-Idler, 17T
28	104-8417	2	Washer
29	104-8301	27	Nut-Nyloc 3/8-16 Flg
30	3231-25	6	Bolt-Carriage 3/8-16 X 1 1/4
31	109-2250	1	Vent-Tank, Hydro
31:1	109-3320	1	Cap-Reservoir, HYD
32	116-7109	4	Screw-HH
33	116-6897	4	Link-Connecting, #50
34	116-9712	1	RH Transaxle ASM (No Fan)
35	116-9713	1	LH Transaxle ASM (No Fan)
36	116-9715	1	Pulley-Idler
37	116-6932	2	Tire ASM (16 X 6.50-8)
37:1	116-6977	1	Rim (8 X 5.375)
37:2	116-6978	1	Tire (16 X 6.50-8, 4 Ply)
37:3	232-27	1	Stem-Valve
38	3230-9	4	Bolt-Carriage 5/16-18 X 2 3/4
39	116-6777	4	Bearing-Flange, 2 Bolt
40	3231-2	10	Bolt-Carriage 3/8-16 X 1
41	116-9927	1	Screw-HSBH
42	116-9545	2	Axle And Bearing ASM
43	116-3872	2	Hub-Offset
44	3296-45	2	Nut-Nyloc 1/2-13 Thin
45	3233-14	2	Screw-CARR
46	104-7201	2	Nut-Nyloc 1/4-20 Flg

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

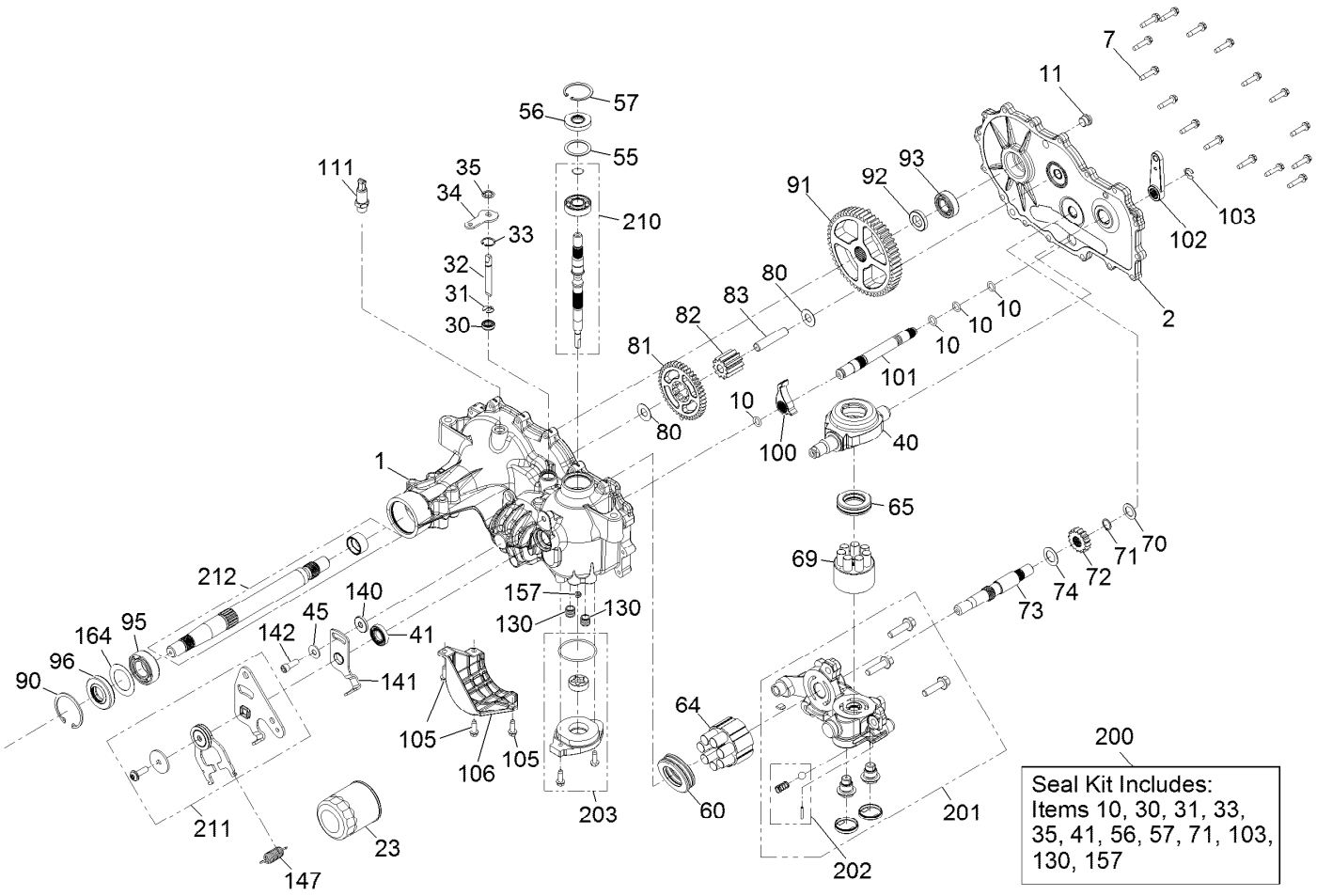


Ground Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
47	3232-3	4	Bolt-Carriage 7/16-14 X 1 1/2
48	3229-1	2	Bolt-Carriage 1/4-20 X 3/4
49	324-6	4	Screw-HH 7/16-14 X 1 1/2
50	3256-25	4	Washer-7/16 Sae
51	3217-7	4	Nut-Hex 3/8-16
52	99-8664	2	Bolt-HH 3/8-16 X 3 Tap
53	116-6775	1	Hose-Hydraulic
54	116-6776	1	Hose-Hydraulic
55	109-3322	4	Clamp-Hose
56	323-10	2	Screw-HH 3/8-16 X 2
57	3296-48	8	Nut-Nyloc 7/16-14
58	32151-29	2	Ring-Retaining

Ref.	Part Number	Qty.	Description
59	3296-59	1	Nut-Nyloc 3/8-16 Thin
60	116-9705	2	Hub-Pulley
61	116-9706	2	Fan
62	116-9707	2	Pulley
63	116-9708	2	Washer-Slotted
64	116-9714	2	Nut-Jam, Hex 1/2-20 W/Patch ■
65	126-2054	2	Decal-Torque Wheel Lug-Hub
66	109-6449	1	Fitting-Elbow, 90
66:1	237-42	1	O-Ring
99	109-9828	1	Bottle-Oil, 32Oz Hydraulic ●

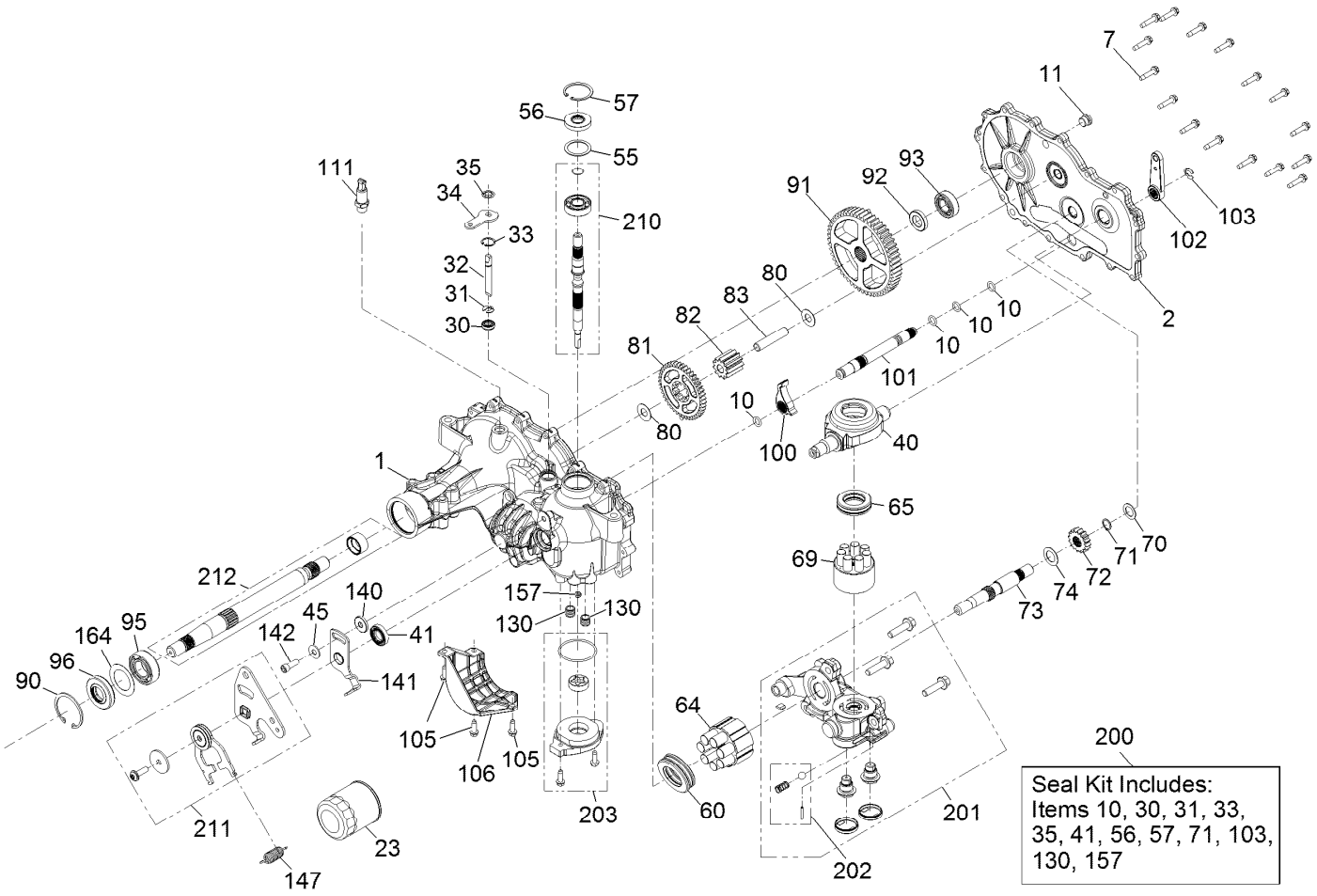
● Not illustrated
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



RH Transaxle No. 116-9712

Ref.	Part Number	Qty.	Description
1	114-1676	1	Main Housing Kit
2	117-5358	1	Housing Side Kit
7	117-5359	16	Screw-HHF
10	114-1678	4	O-Ring
11	104-2189	1	Plug-Thread, Straight
23	109-3321	1	Filter-Hydraulic
30	106-8676	1	Seal-Lip
31	106-8677	1	Ring-Retaining, EXT
32	114-1685	1	Rod-Bypass
33	106-8679	1	Ring-Retaining, Int
34	106-8680	1	Arm-Bypass
35	106-8681	1	Ring-Retaining, EXT
40	104-5304	1	Swashplate-Trunnion
41	104-5313	1	Seal-Lip
45	114-8491	1	Washer
55	104-5308	1	Spacer
56	104-5310	1	Seal-Lip
57	104-5309	1	Ring-Retaining
60	109-2865	1	Bearing-Thrust
64	114-1689	1	Motor Cylinder Block Kit
65	94-6922	1	Bearing-Thrust

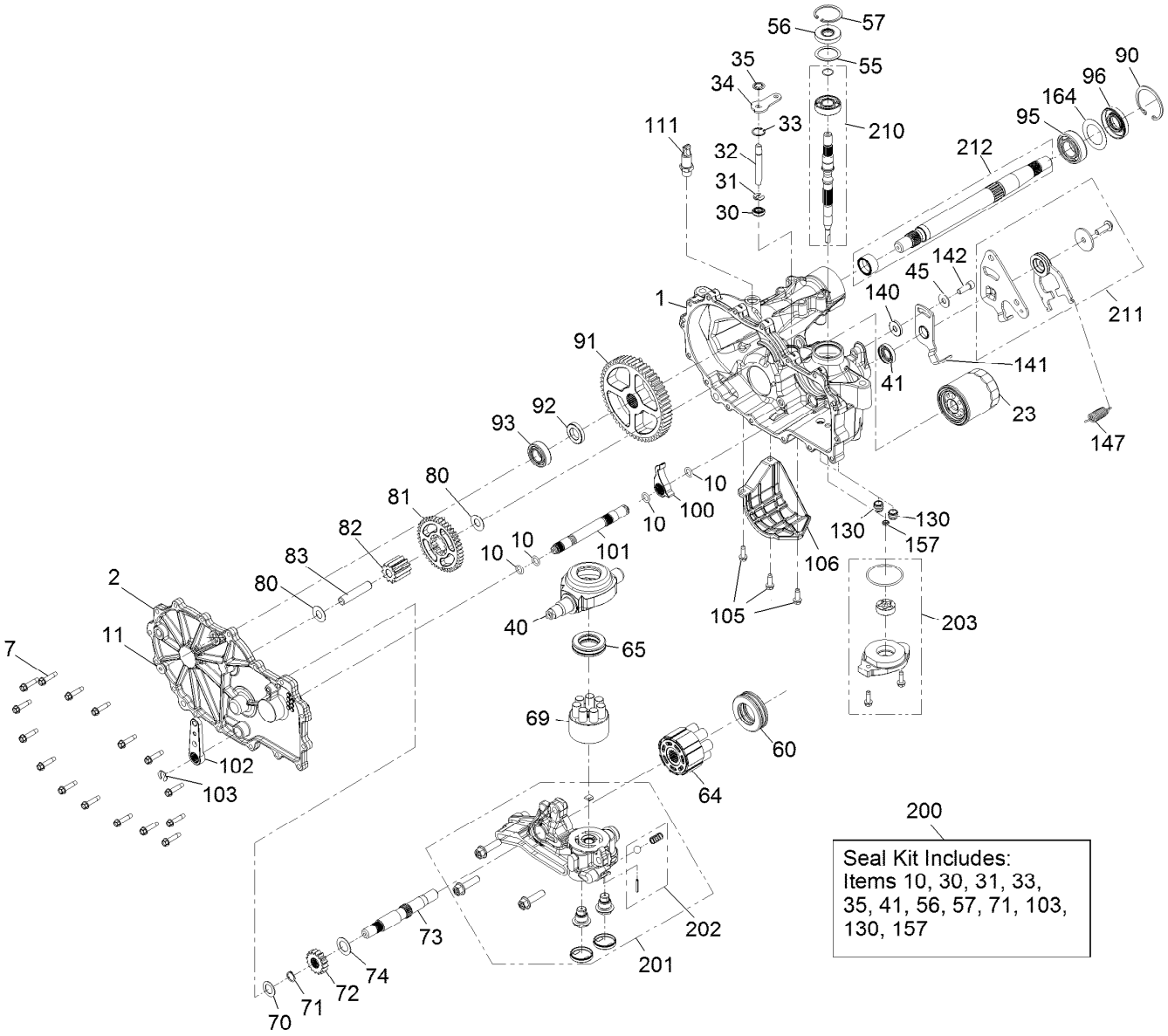
Ref.	Part Number	Qty.	Description
69	110-8561	1	Pump Block ASM
70	104-5339	1	Washer-Flat
71	104-5340	1	Ring-Retaining
72	126-0788	1	Gear-16T
73	114-1691	1	Shaft-Motor
74	104-5360	1	Washer
80	94-1933	2	Washer
81	125-0000	1	Gear-43T
82	120-7974	1	Gear-11T
83	104-5329	1	Pin-Jackshaft
90	104-2169	1	Ring-Retaining
91	114-1694	1	Gear-54T
92	120-7975	1	Spacer
93	126-0789	1	Bearing-Ball
95	120-7976	1	Bearing-Ball
96	104-2144	1	Seal
100	114-1697	1	Pawl-Brake
101	114-1698	1	Shaft-Brake, Inboard
102	125-0021	1	Handle-Brake
103	131-0906	1	Ring-Retaining, EXT
105	104-2120	3	Screw



RH Transaxle No. 116-9712 (continued)

Ref.	Part Number	Qty.	Description
106	120-7981	1	Guard-Filter, RH
111	109-3278	1	Adapter-Straight
130	126-3251	2	Tube-Charge
140	114-8458	1	Spacer
141	114-8459	1	Arm-Neutral, Right
142	106-8682	1	Screw-Sh
147	115-8307	1	Spring-Extension
157	131-0908	1	Seal-Gerotor
164	121-5745	1	Spacer

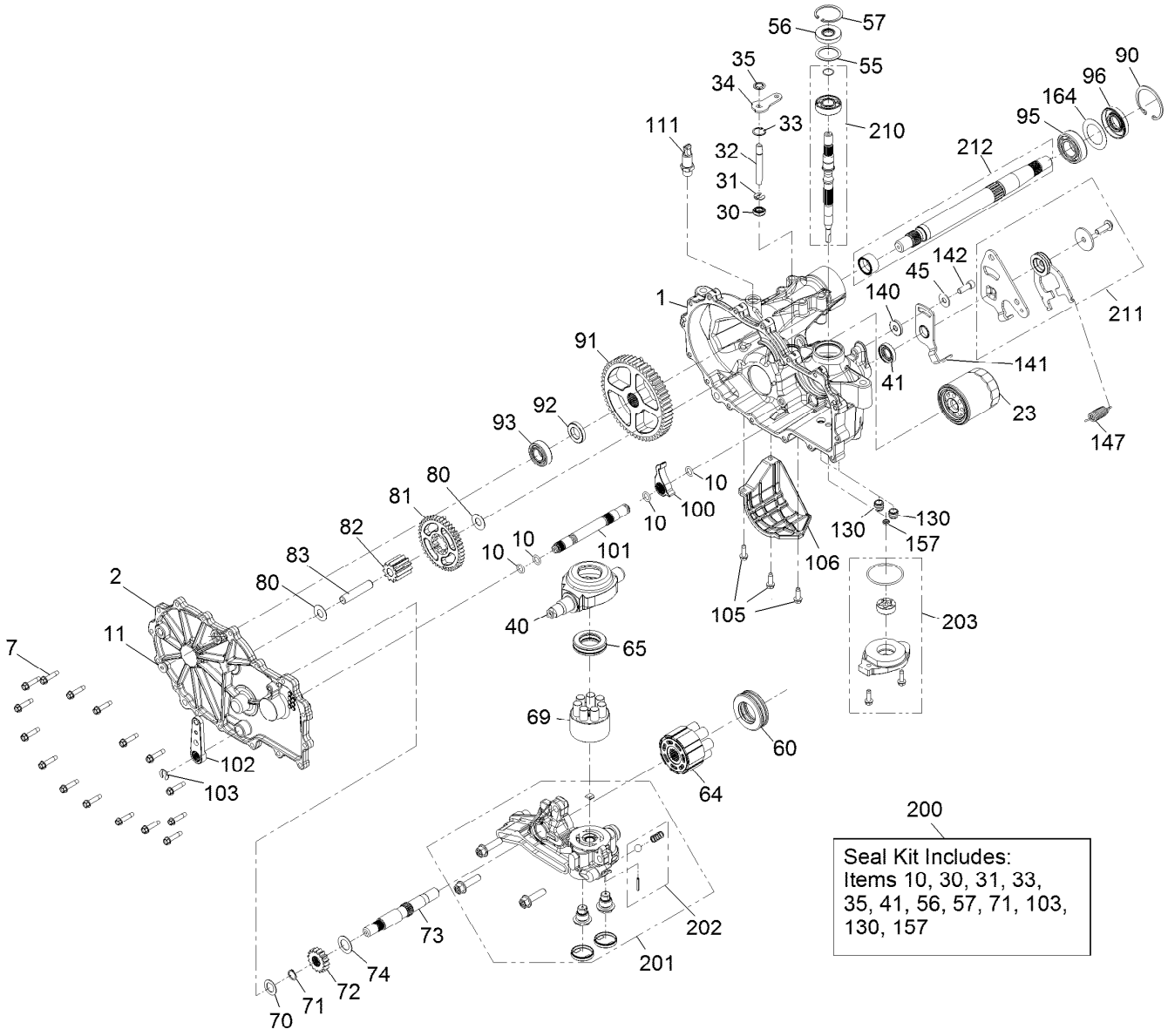
Ref.	Part Number	Qty.	Description
200	109-3537	1	Seal Kit
201	120-7982	1	RH Center Section Charge Kit
202	114-8464	1	Charge Relief Kit
203	114-8465	1	Charge Kit
210	117-5361	1	Input Shaft Kit
211	126-2291	1	Control Arm Kit
212	114-8470	1	Axle Shaft Kit



LH Transaxle No. 116-9713

Ref.	Part Number	Qty.	Description
1	114-8471	1	Main Housing Kit
2	114-8472	1	Side Cover Kit
7	117-5359	16	Screw-HHF
10	114-1678	3	O-Ring
11	104-2189	1	Plug-Thread, Straight
23	109-3321	1	Filter-Hydraulic
30	106-8676	1	Seal-Lip
31	106-8677	1	Ring-Retaining, EXT
32	114-1685	1	Rod-Bypass
33	106-8679	1	Ring-Retaining, Int
34	106-8680	1	Arm-Bypass
35	106-8681	1	Ring-Retaining, EXT
40	104-5304	1	Swashplate-Trunnion
41	104-5313	1	Seal-Lip
45	114-8491	1	Washer
55	104-5308	1	Spacer
56	104-5310	1	Seal-Lip
57	104-5309	1	Ring-Retaining
60	109-2865	1	Bearing-Thrust
64	114-1689	1	Motor Cylinder Block Kit
65	94-6922	1	Bearing-Thrust

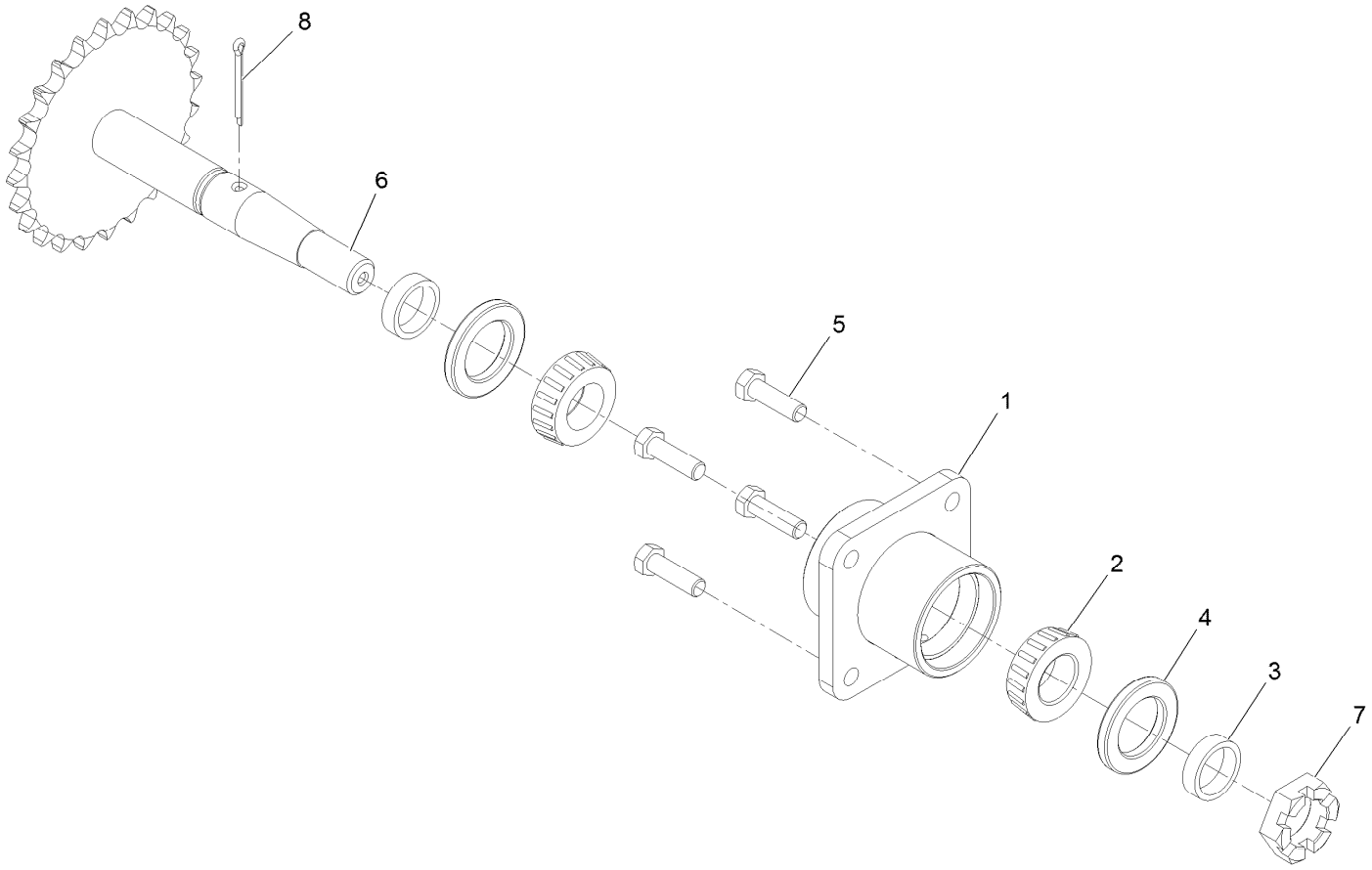
Ref.	Part Number	Qty.	Description
69	110-8561	1	Pump Block ASM
70	104-5339	1	Washer-Flat
71	104-5340	1	Ring-Retaining
72	126-0788	1	Gear-16T
73	114-1691	1	Shaft-Motor
74	104-5360	1	Washer
80	94-1933	2	Washer
81	125-0000	1	Gear-43T
82	120-7974	1	Gear-11T
83	104-5329	1	Pin-Jackshaft
90	104-2169	1	Ring-Retaining
91	114-1694	1	Gear-54T
92	120-7975	1	Spacer
93	126-0789	1	Bearing-Ball
95	120-7976	1	Bearing-Ball
96	109-3537	1	Seal Kit
100	114-1697	1	Pawl-Brake
101	114-1698	1	Shaft-Brake, Inboard
102	125-0021	1	Handle-Brake
103	103-9764	1	Clip-Retaining
105	104-2120	3	Screw



LH Transaxle No. 116-9713 (continued)

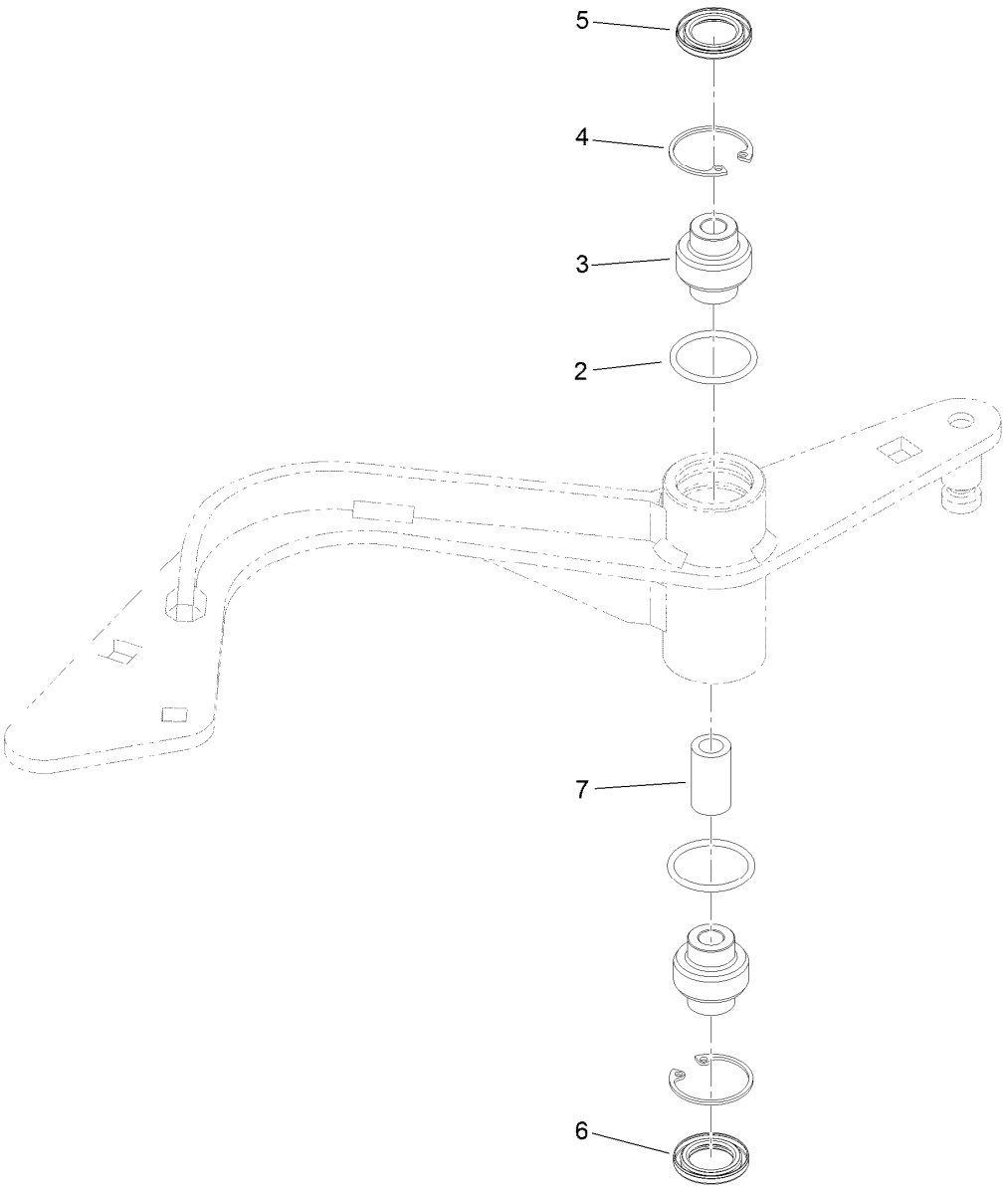
Ref.	*Part Number*	*Qty.*	*Description*
106	120-7981	1	Guard-Filter, RH
111	109-3278	1	Adapter-Straight
130	109-3537	2	Seal Kit
140	114-8458	1	Spacer
141	114-8474	1	Arm-Neutral, Left
142	106-8682	1	Screw-Sh
147	115-8307	1	Spring-Extension
157	109-3537	1	Seal Kit
164	121-5745	1	Spacer

Ref.	*Part Number*	*Qty.*	*Description*
200	109-3537	1	Seal Kit
201	120-7980	1	LH Center Section Charge Kit
202	114-8464	1	Charge Relief Kit
203	114-8465	1	Charge Kit
210	117-5361	1	Input Shaft Kit
211	126-0790	1	Control Arm Kit
212	114-8470	1	Axle Shaft Kit



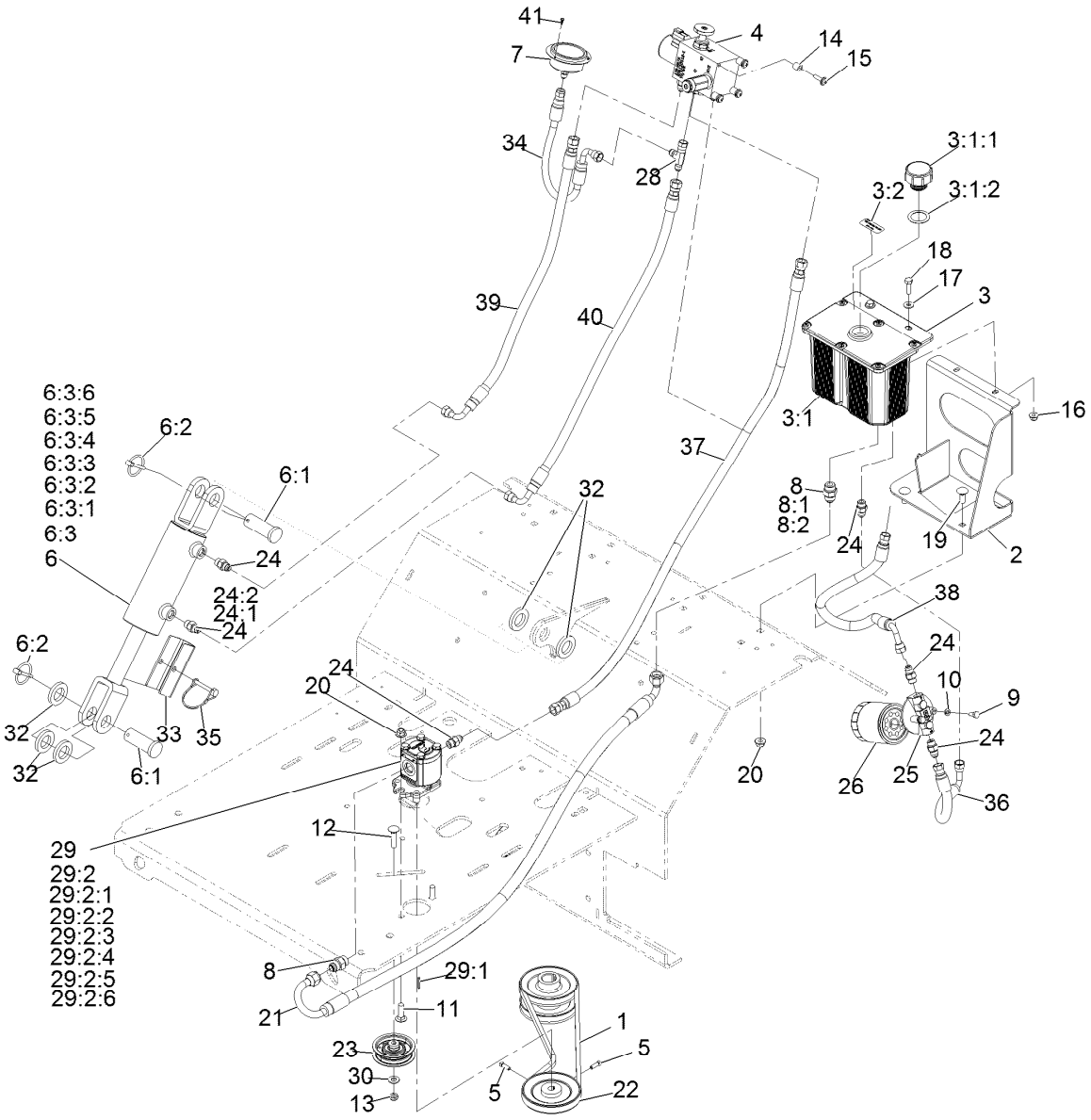
Axle and Bearing Assembly No. 116-9545

Ref.	*Part Number*	*Qty.*	*Description*
1	116-6746-01	1	Mount-Bearing, Wheel
2	1-543509	2	Cone-Bearing Tapered Roller
3	116-6758	2	Spacer
4	1-543511	2	Seal-Grease
5	323-7	4	Screw-HH 3/8-16 X 1 1/4
6	126-0459	1	Axle
7	99-3139	1	Nut
8	1-806800	1	Pin-Cotter 9/64 X 1 1/2



Idler Arm Assembly No. 116-9307

Ref.	*Part Number*	*Qty.*	*Description*
2	106-7159	2	O-Ring
3	103-3504	2	Bearing-Spherical
4	32120-10	2	Ring-Snap
5	103-3506	1	Seal-Single Lip
6	103-3505	1	Seal-Double Lip
7	1-603401	1	Spacer-Fender

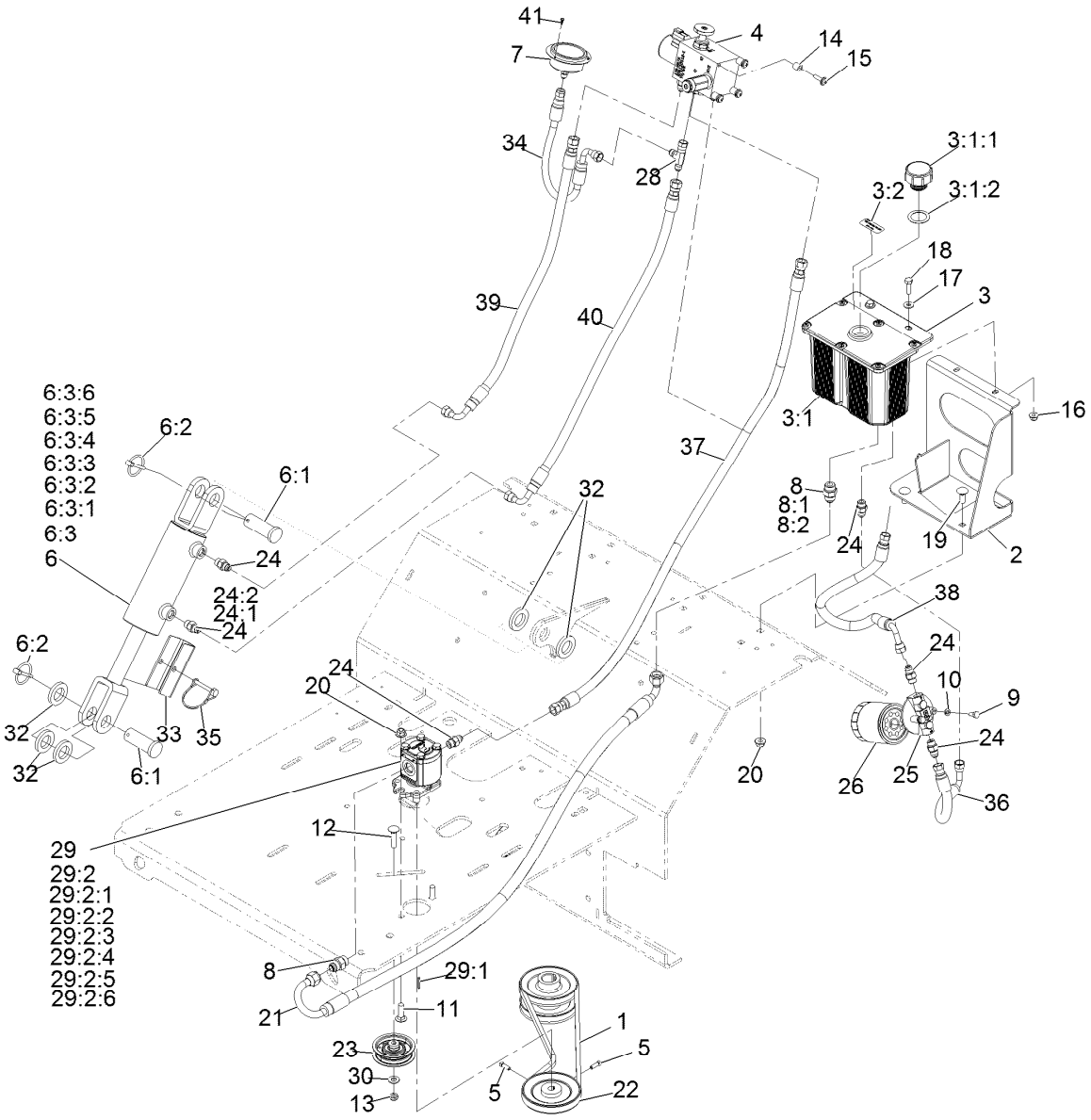


Auxiliary Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	116-8874	1	Belt-4L Section
2	116-6618-03	1	Bracket-Tank, Hydraulic
3	116-7556	1	ASM-Reservoir W/Decal
3:1		1	Tank-Hydraulic ●
3:1:1	103-1948	1	Cap-Reservoir, HYD
3:1:2	103-1949	1	Gasket-Cap
3:2	116-6990	1	Decal-Hydro Oil Aw-32
4	116-9549	1	Valve-Manifold
5	3241-6	2	Screw-SQH ■
6	116-6969	1	HYD Cylinder ASM
6:1	116-7290	2	Pin-Clevis
6:2	92-1298	2	Pin-Lynch
6:3	127-3234	1	Seal Kit
6:3:1		1	O-Ring ●
6:3:2		1	Backup Ring ●
6:3:3		1	Psp Seal ●
6:3:4		1	Bs Seal ●
6:3:5		1	Dust Seal ●
6:3:6		1	O-Ring ●

Ref.	Part Number	Qty.	Description
7	116-8178	1	Gauge-Pressure
8	1-603990	2	Adapter-Straight
8:1	1-603920	1	O-Ring-Sae #8
8:2	1-603992	1	O-Ring-37 Flare #8
9	321-3	2	Screw-HH 1/4-20 X 5/8
10	1-805004	2	Washer-Lock 1/4 Heavy
11	3231-25	2	Bolt-Carriage 3/8-16 X 1 1/4
12	3231-4	1	Bolt-Carriage 3/8-16 X 1 1/2
13	3296-59	1	Nut-Nyloc 3/8-16 Thin
14	22-7810	4	Spacer
15	110-9361	4	Screw-PPH, Sems
16	104-8300	2	Nut-Nyloc 5/16-18 Flg
17	3256-2	2	Washer-1/4 Std
18	322-5	2	Screw-HH 5/16-18 X 1
19	3231-2	4	Bolt-Carriage 3/8-16 X 1
20	104-8301	6	Nut-Nyloc 3/8-16 Flg
21	116-9309	1	Hose-Hydraulic
22	116-6667	1	Pulley
23	116-6760	1	Pulley-Idler, Flat

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

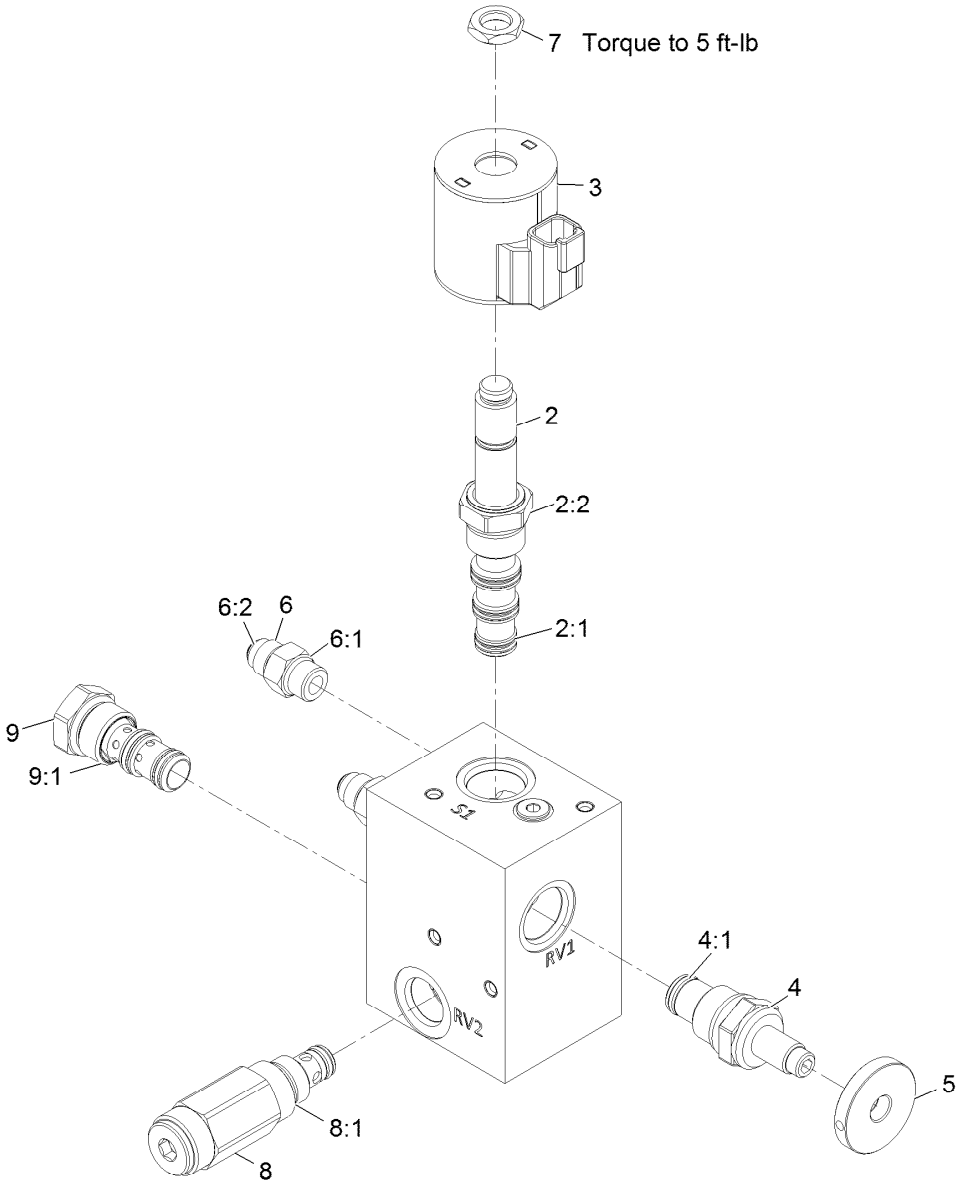


Auxiliary Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
24	103-2156	6	Adapter-Straight
24:1	1-603921	1	O-Ring-Sae #6
24:2	103-1020	1	O-Ring-37 Flare #6
25	104-7836	1	Filter-Head
26	109-4180	1	Element, Oil Filter
28	353-877	1	Fitting-HYD, Tee (Swivel)
29	116-9129	1	Hydraulic Pump ASM
29:1	115-7855	1	Key-Square
29:2	112-0199	1	Seal Kit
29:2:1		1	Seal-Anti Extrusion ●
29:2:2		1	Seal-Anti Extrusion ●
29:2:3		1	Seal-Shaft ●
29:2:4		1	Seal-Upper ●

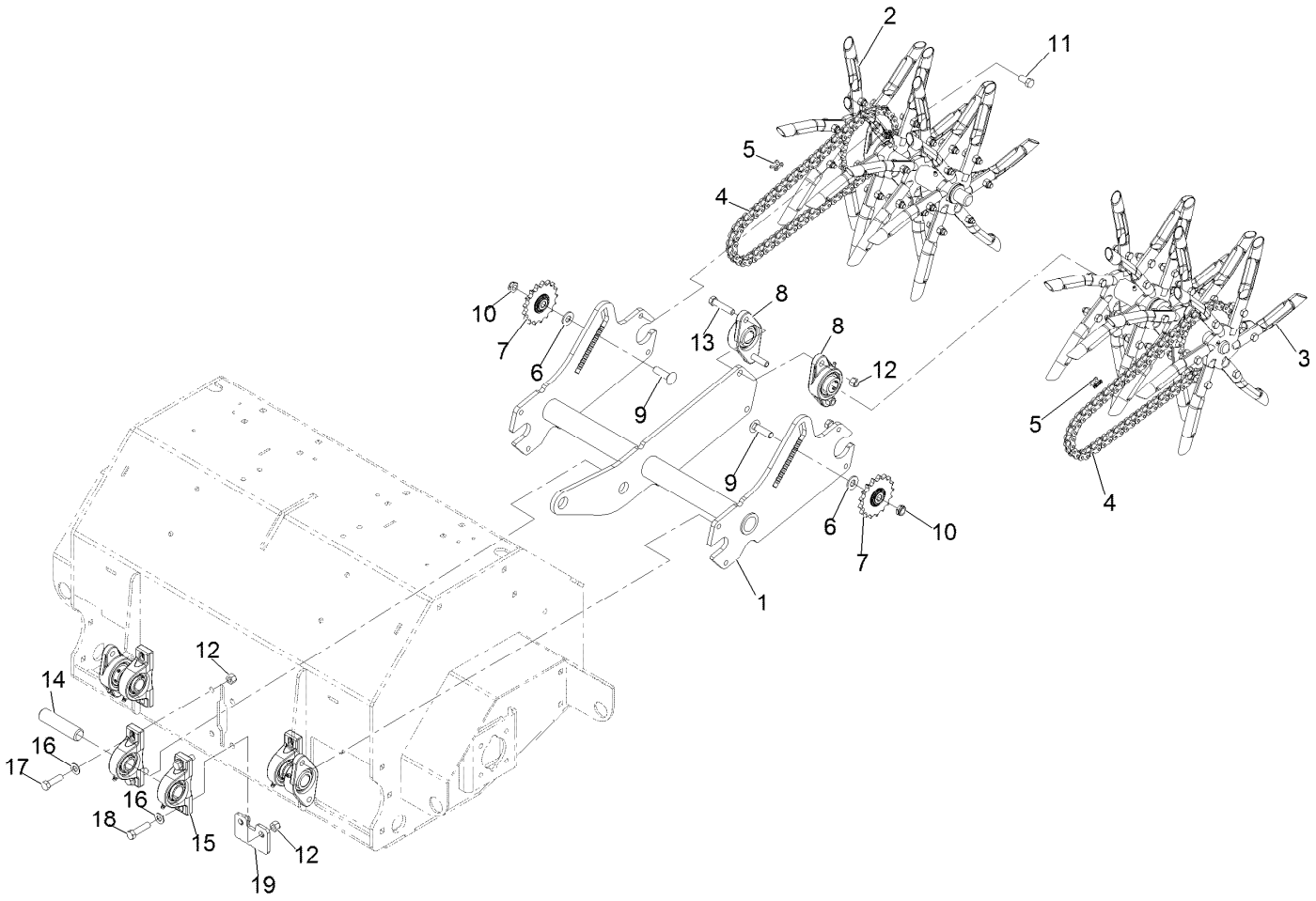
Ref.	Part Number	Qty.	Description
29:2:5		1	Seal ●
29:2:6		2	O-Ring ●
30	3256-24	1	Washer-3/8 Sae
32	116-6781	5	Spacer
33	116-7307-01	1	Stop-Cylinder
34	116-8180	1	Hose-Hydraulic, Hp
35	112-2583	1	Pin-Locking
36	116-6675	1	Hose-Hydraulic, LP
37	116-8151	1	Hose-Hydraulic
38	116-9308	1	Hose-Hydraulic
39	116-6677	1	Hose-Hydraulic
40	116-6678	1	Hose-Hydraulic, Hp
41	363-8552	3	Screw-TAP,6-32X3/8,Phph,Stl,Rohs

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



Manifold W/Check and Relief Valve Assembly No. 116-9549

Ref.	*Part Number*	*Qty.*	*Description*
2	110-8906	1	Valve-Solenoid
2:1	110-8908	1	Spool Valve Seal Kit
2:2	110-2634	1	Nut-Coil
3	119-4619	1	Coil-Solenoid
4	116-9397	1	Valve-Relief, Poppet Style
4:1	116-9398	1	Relief Valve Seal Kit
5	116-9396	1	Knob (1.5 Dia)
6	103-2156	4	Adapter-Straight
6:1	1-603921	1	O-Ring-Sae #6
6:2	103-1020	1	O-Ring-37 Flare #6
7	110-2634	1	Nut-Coil
8	116-9716	1	Valve-Relief
8:1	116-9717	1	Seal Kit
9	116-9718	1	Valve-Check, P O
9:1	116-9719	1	Seal Kit

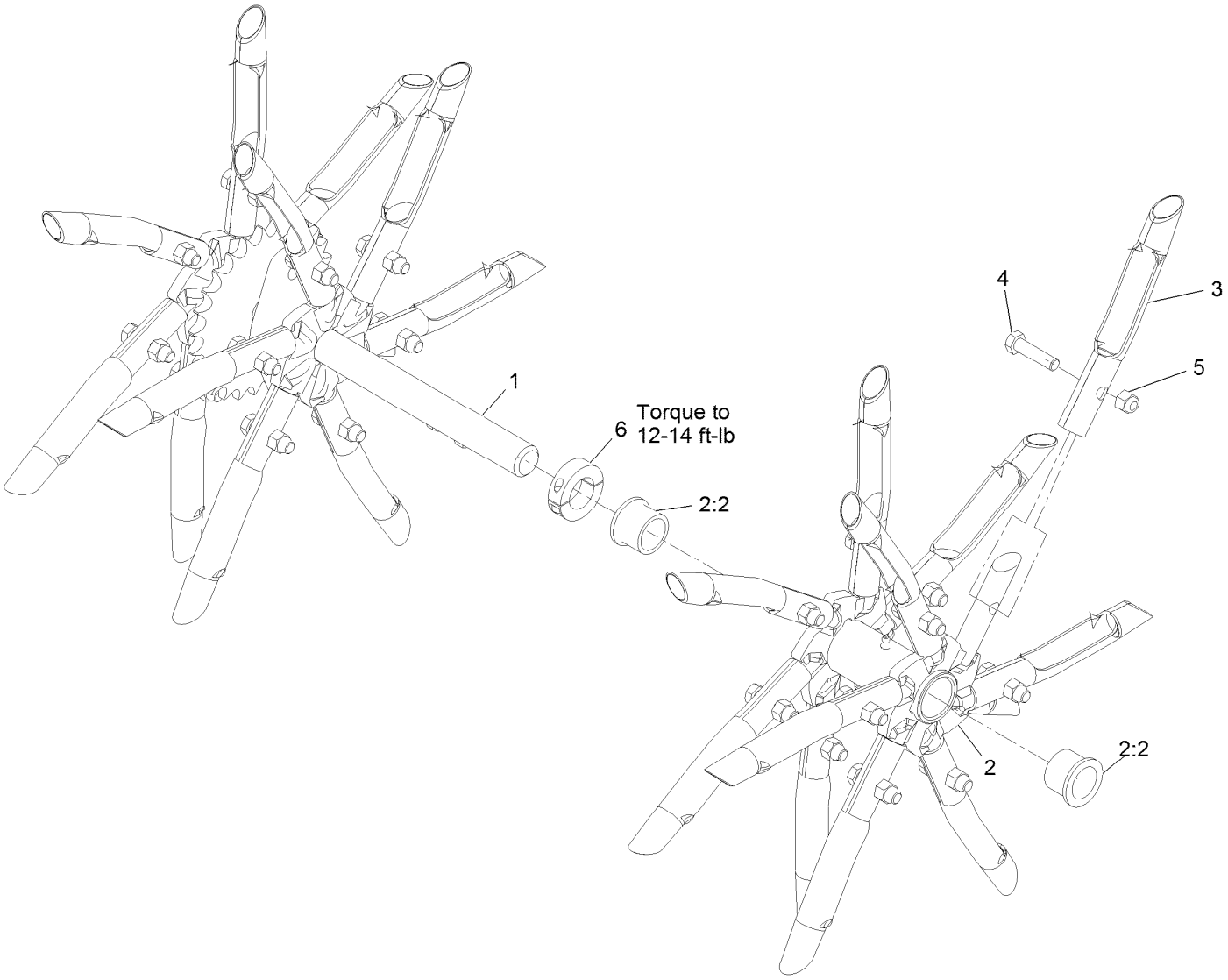


Tine Assembly

Ref.	Part Number	Qty.	Description
1	116-6553-03	1	Arm-Trail
2	116-6738	1	RH Tine Wheel ASM
3	116-6739	1	LH Tine Wheel ASM
4	116-6895	2	Chain-Roller, #50, 65 Links
5	116-6897	2	Link-Connecting, #50
6	87-7270	2	Washer-Thrust
7	116-6719	2	Sprocket-Idler, 17T
8	116-6777	2	Bearing-Flange, 2 Bolt
9	3233-14	2	Screw-CARR
10	3296-45	2	Nut-Nyloc 1/2-13 Thin

Ref.	Part Number	Qty.	Description
11	116-7109	4	Screw-HH ●
12	3296-48	6	Nut-Nyloc 7/16-14
13	324-8	2	Screw-HH
14	116-6629	1	Shaft
15	116-6756	2	Bearing-Pillow Block ●
16	3256-25	4	Washer-7/16 Sae
17	324-6	2	Screw-HH 7/16-14 X 1 1/2
18	324-7	2	Screw-HH
19	116-7327-01	1	Plate-Downstop

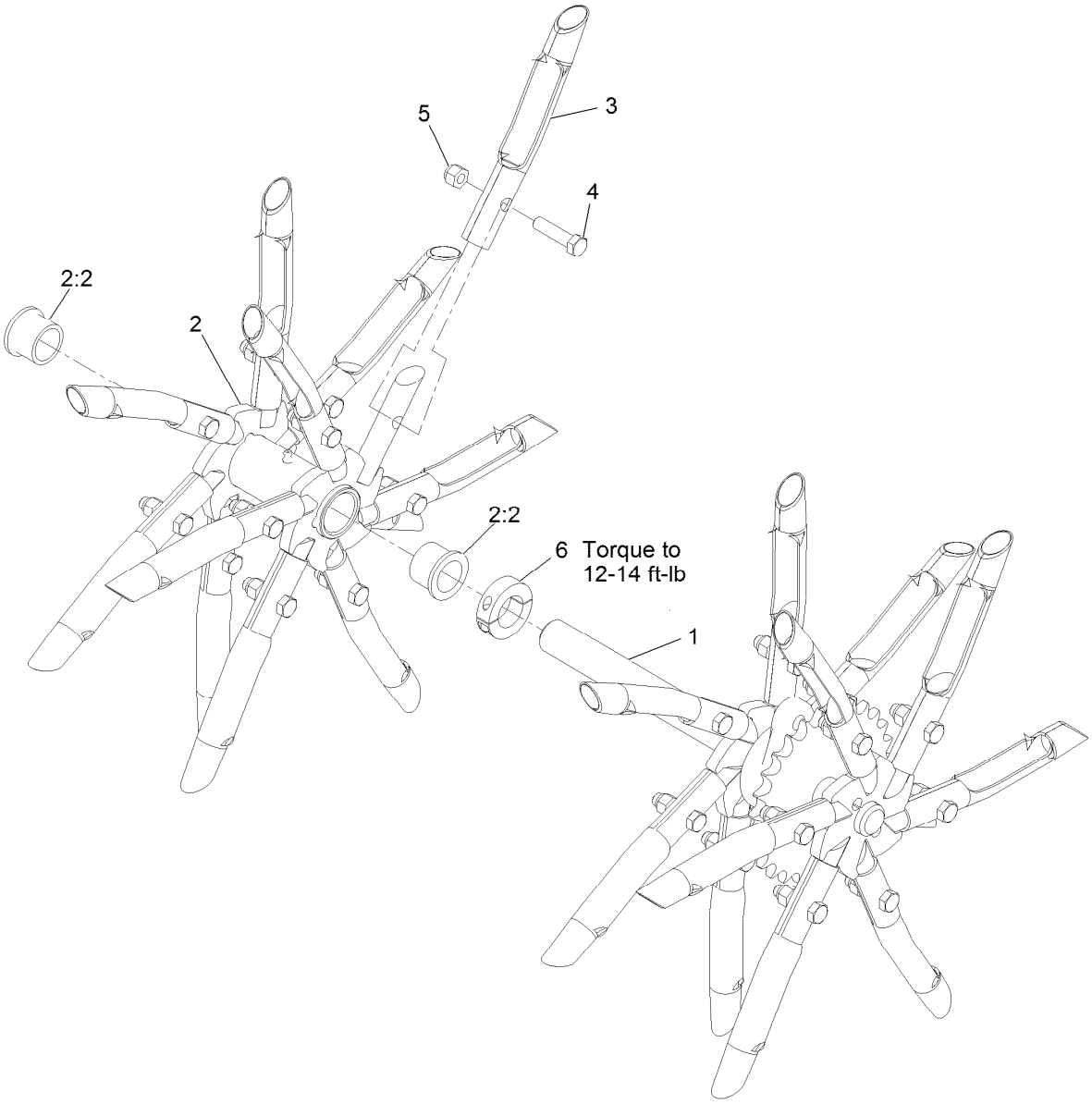
● Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



RH Tine Wheel Assembly No. 116-6738

Ref.	*Part Number*	*Qty.*	*Description*
1	116-6727	1	Shaft-Tine, RH
2	116-6731	1	Float Tine Shaft ASM
2:2	94-8949	2	Bushing-Flange
3	126-2143	24	Tine-Coring (3/4)
4	323-8	24	Screw-HH 3/8-16 X 1 1/2
5	3296-39	24	Nut-Nyloc 3/8-16
6	116-7271	1	Collar-Locking ●

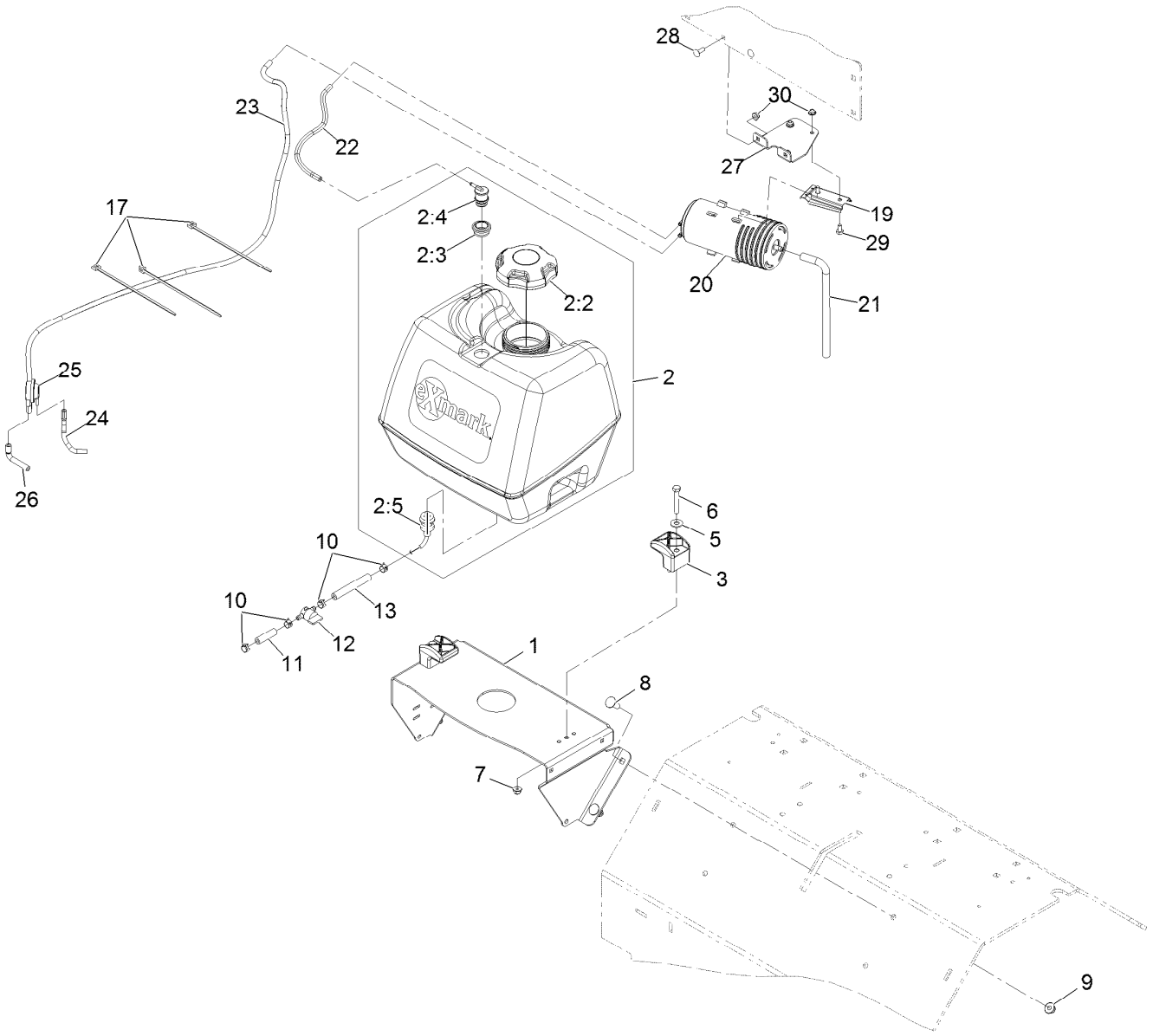
● Use Loctite® 243 on threads.



LH Tine Wheel Assembly No. 116-6739

Ref.	*Part Number*	*Qty.*	*Description*
1	116-6728	1	Shaft-Tine, LH
2	116-6731	1	Float Tine Shaft ASM
2:2	94-8949	2	Bushing-Flange
3	126-2143	24	Tine-Coring (3/4)
4	323-8	24	Screw-HH 3/8-16 X 1 1/2
5	3296-39	24	Nut-Nyloc 3/8-16
6	116-7271	1	Collar-Locking ●

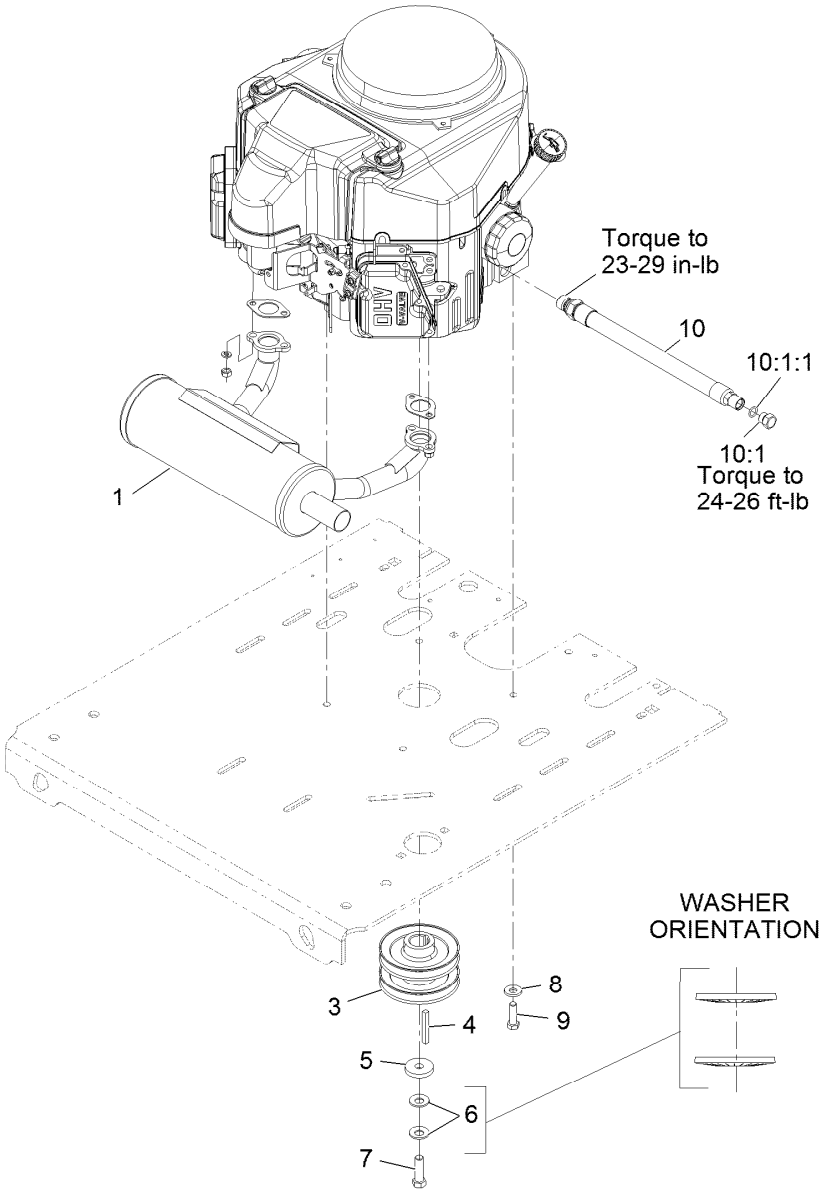
● Use Loctite® 243 on threads.



Fuel Assembly

Ref.	Part Number	Qty.	Description
1	116-9541-01	1	Support-Tank, Fuel
2	126-1525	1	ASM, Fuel Tank
2:2	120-5461	1	Cap-Fuel, Ratcheting
2:3	114-0284	1	Grommet
2:4	119-3547	1	Valve-Vent, Fuel
2:5	103-2605	1	Fitting-Fuel Bulkhead W/Strainer
3	107-4543	2	Clamp
5	3256-3	2	Washer-5/16 Std
6	322-10	2	Screw-HH 5/16-18 X 2
7	104-8300	2	Nut-Nyloc 5/16-18 Flg
8	3231-22	4	Bolt-Carriage 3/8-16 X 1
9	104-8301	4	Nut-Nyloc 3/8-16 Flg
10	2412-98	4	Clamp-Hose
11	119-7856	1	Hose-Fuel

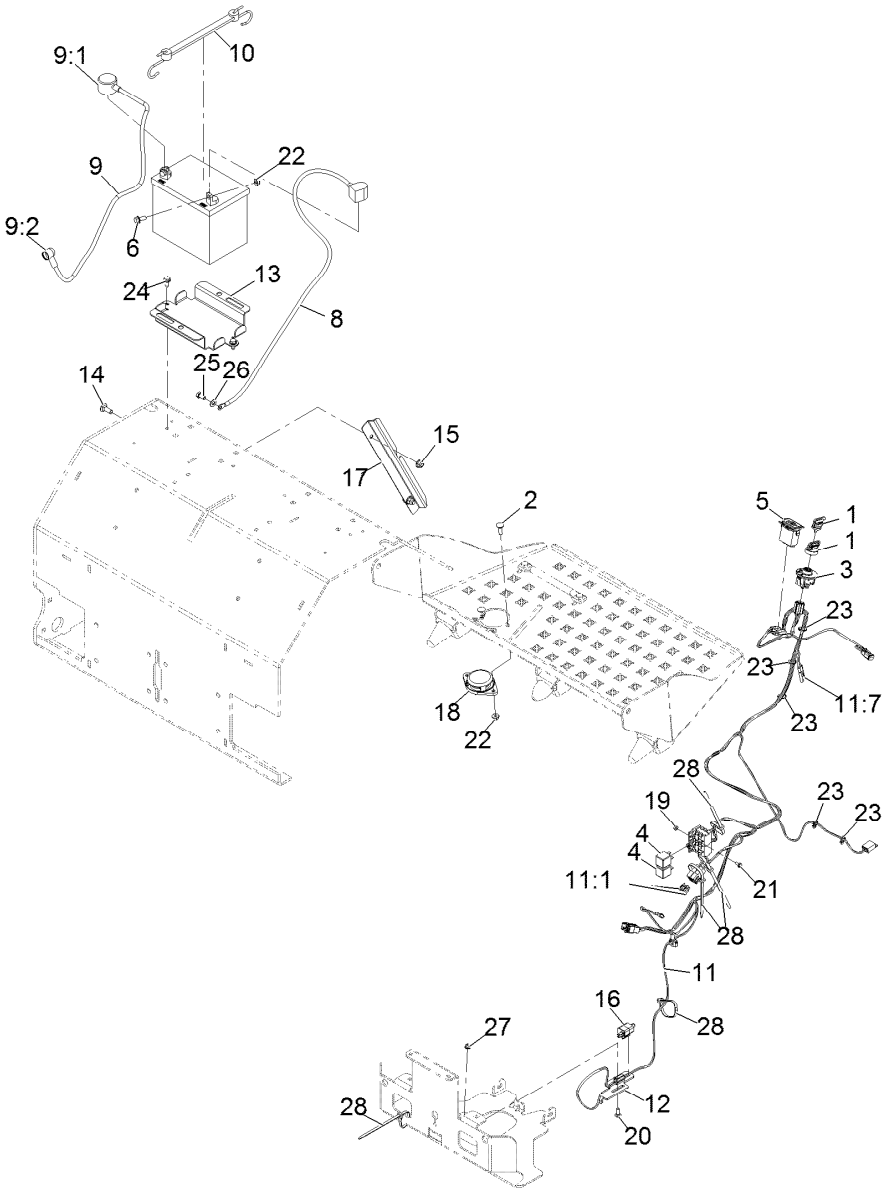
Ref.	Part Number	Qty.	Description
12	1-603770	1	Valve-Fuel
13	105-8342	1	Hose-Fuel
17	1-303335	3	Tie-Cable 7 15/16 (Large)
19	114-0292	1	Bracket-Canister, Carbon
20	117-1221	1	Canister-Carbon, 800Cc
21	115-0962	1	Hose-Vent, Canister
22	126-3703	1	Hose-Emissions
23	116-3116	1	Hose-Vent, Formed
24	116-2394	1	Hose-Vent, Formed
25	116-2232	1	Valve-Control, Vacuum
26	116-2233	1	Hose-Vent, Formed
27	126-2991-03	1	Bracket-Mounting, Canister
28	3229-1	2	Bolt-Carriage 1/4-20 X 3/4
29	321-2	2	Screw-HH 1/4-20 X 1/2
30	104-7201	4	Nut-Nyloc 1/4-20 Flg



Engine Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	116-3735	1	Muffler-Horizontal
3	116-9709	1	Pulley
4	103-4177	1	Key
5	1-543610	1	Washer
6	1-603610	2	Washer-Spring Disc 7/16
7	109-9761	1	Screw-HH 7/16-20 X 1 1/2 W/Loctite ■
8	98-5975	4	Washer-Spring Disc 3/8
9	323-7	4	Screw-HH 3/8-16 X 1 1/4
10	116-4924	1	Asm-Hose Oil Drain W/Plug ●
10:1	353-508	1	Plug-W/O-Ring
10:1:1	237-42	1	O-Ring

● Use a Teflon Pipe Sealant or equivalent on threads.
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	1-603511	1	Key-Ignition
1	103-2106	1	Key-Exmark Logo
2	3230-2	2	Bolt-Carriage 5/16-18 X 1
3	117-2221	1	Switch-Ignition
4	1-643275	2	Relay-12Vdc 40 Amp
5	1-513374	1	Meter-Engine Hours
6	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
8	117-6422	1	Cable-Battery, Black
9	109-7630	1	Positive Battery Cable ASM
9:1	109-2407	1	Insulator-Battery
9:2	1-543393	1	Insulator-Solenoid
10	104-2466	1	Holddown-Battery
11	116-9382	1	Harness ASM ●
11:1	1-816001	2	Fuse-Blade Type, 20 Amp
11:7	116-0053	1	Cap-Plug
12	116-7589	1	Mount-Switch
13	116-9383-03	1	Bracket-Battery

Ref.	Part Number	Qty.	Description
14	3231-2	2	Bolt-Carriage 3/8-16 X 1
15	104-8301	2	Nut-Nyloc 3/8-16 Flg
16	110-6765	1	Switch
17	116-9394-03	1	Guard-Harness
18	92-6282	1	Switch-Seat
19	3296-2	2	Nut-Nyloc #10-24
20	3229-1	1	Bolt-Carriage 1/4-20 X 3/4
21	3290-321	2	Screw-HWH
22	104-8300	4	Nut-Nyloc 5/16-18 Flg
23	1-303287	5	Tie-Cable 5 1/2 (Small)
24	32144-70	2	Screw-HWH 5/16-18 X 3/4 Tf
25	33114-016	1	Screw-HH M8-1.25 X 16Mm
26	33094-00	1	Washer
27	104-7201	1	Nut-Nyloc 1/4-20 Flg
28	1-303335	5	Tie-Cable 7 15/16 (Large)

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

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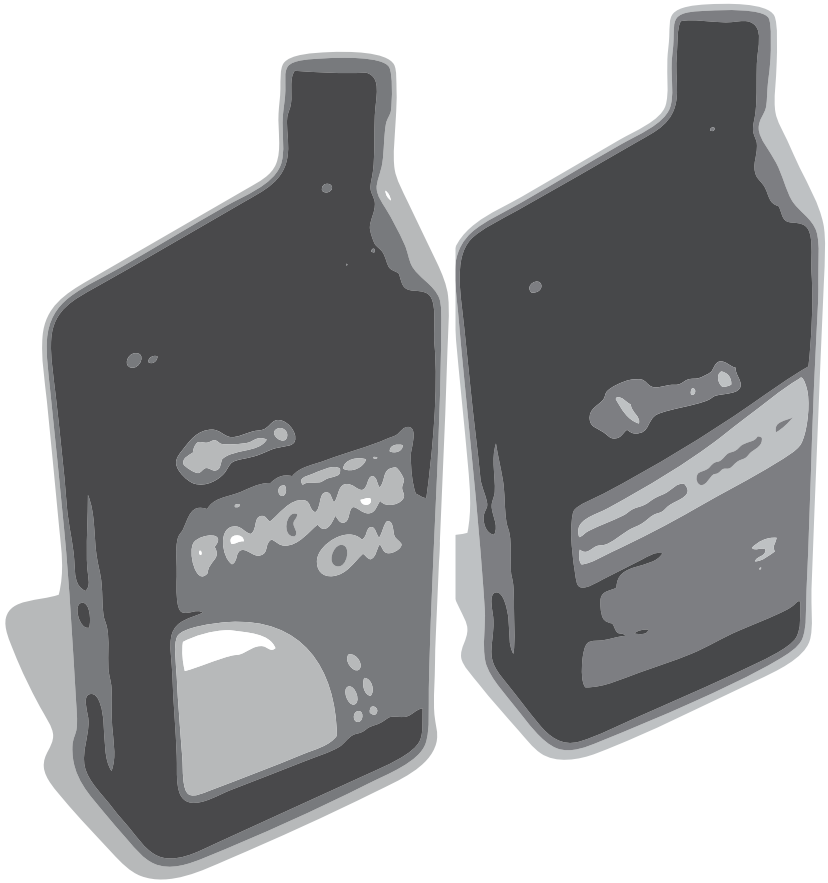
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STANDON

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