Form No. 3376-999 Rev A

TORO®

Count on it.

Parts Catalog

30in Stand-On Aerator

Model No. 23518—Serial No. 313000001 and Up

Model No. 33518—Serial No. 313000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3376-999 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

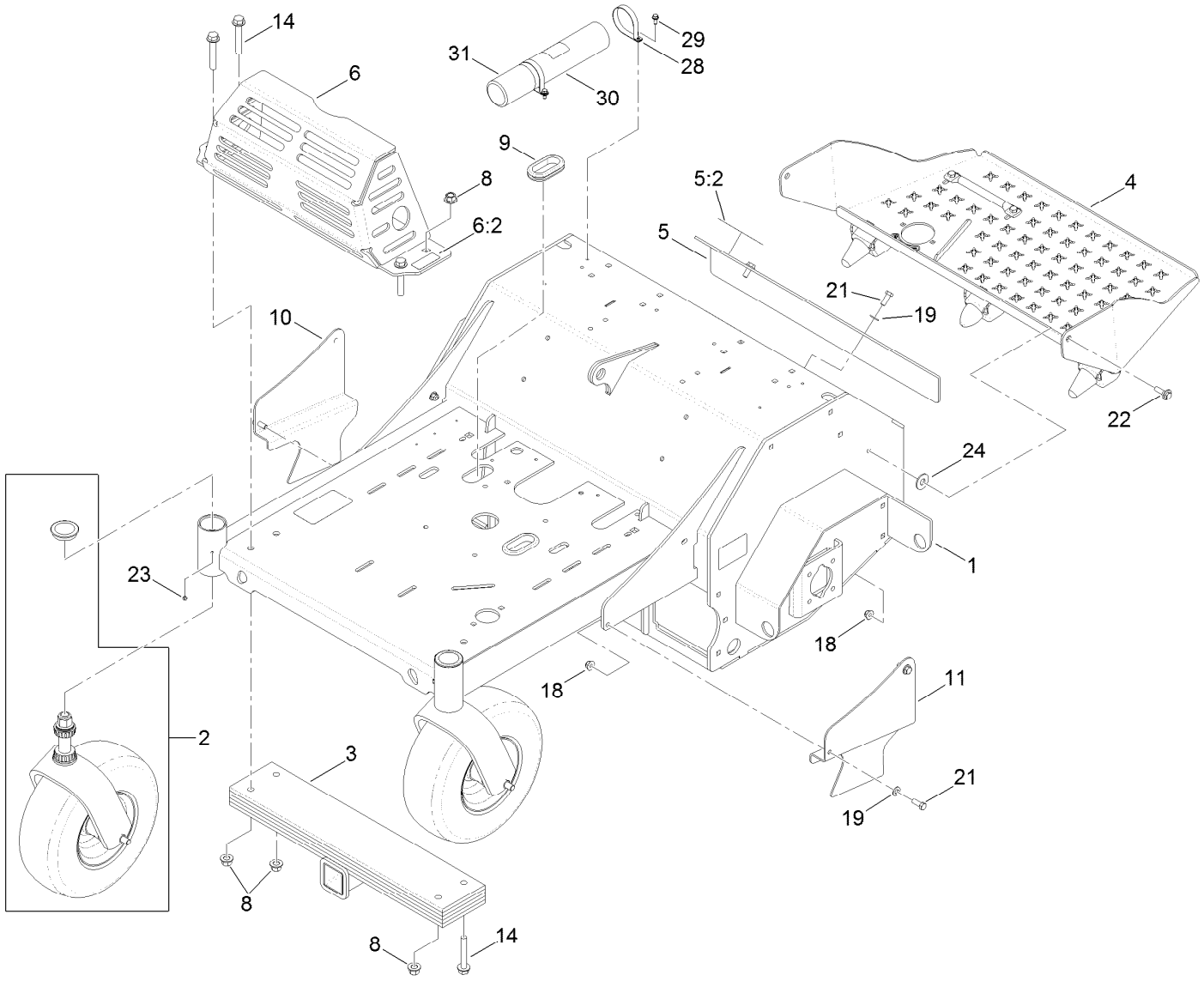
TTH: torx truss head

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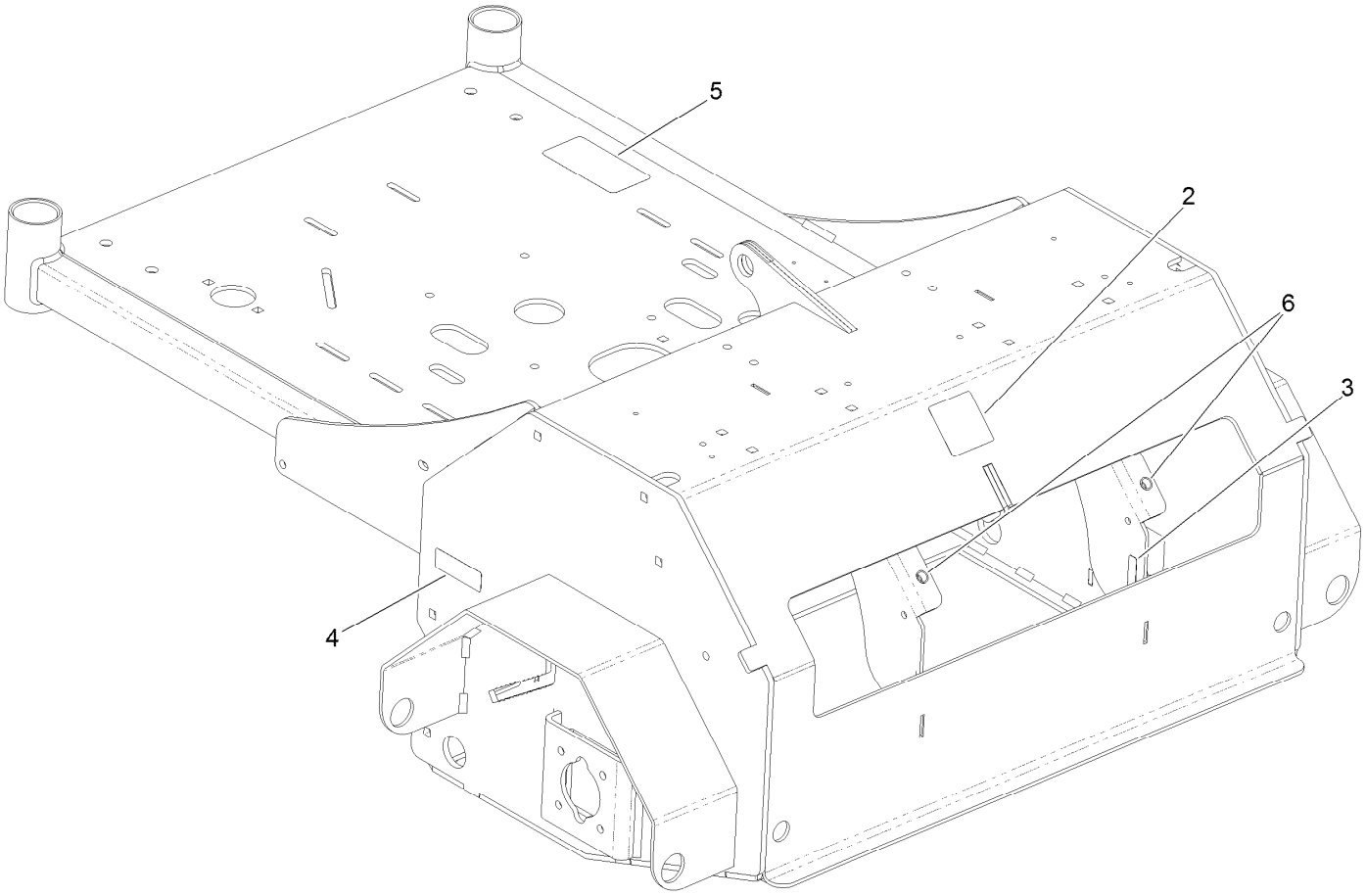


Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	116-8138	1	Main Frame ASM
2		2	Front Caster ASM W/Fork ●
3	116-6536-01	1	Weight
4	116-9135	1	Platform ASM W/Rocker
5	116-7300	1	Access Cover ASM
5:2	121-6163	1	Decal-Tine Ground Operation (Ce)
6	116-8258	1	Muffler Guard ASM
6:2	115-2047	2	Decal-Surface, Hot
8	99-5107	4	Nut-Lock
9	126-0015	2	Grommet
10	116-6612-01	1	Guard-Chain, RH

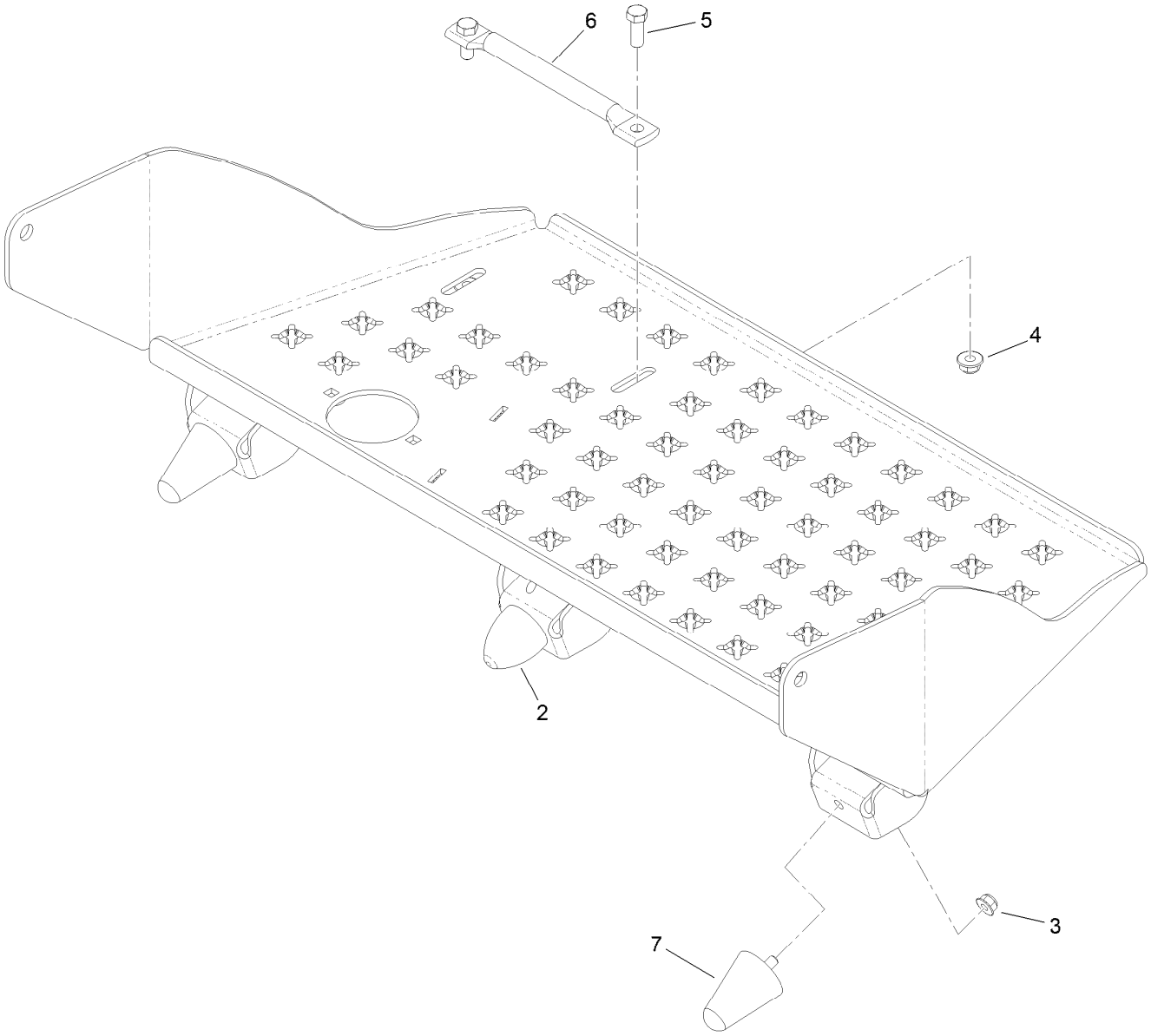
Ref.	Part Number	Qty.	Description
11	116-6611-01	1	Guard-Chain, LH
14	3234-40	4	Screw-HF
18	104-8301	6	Nut-Flange, NI
19	3256-24	6	Washer-Flat
21	323-6	6	Screw-HH
22	614672	2	Bolt-Shoulder
23	1-811010	2	Plug
24	3256-6	2	Washer-Flat
28	107-1865	2	R-Clamp
29	32144-10	2	Screw-HWH
30	104-7050	1	Tube-Manual
31	104-7048	1	Cap-Housing

● Not serviced separately



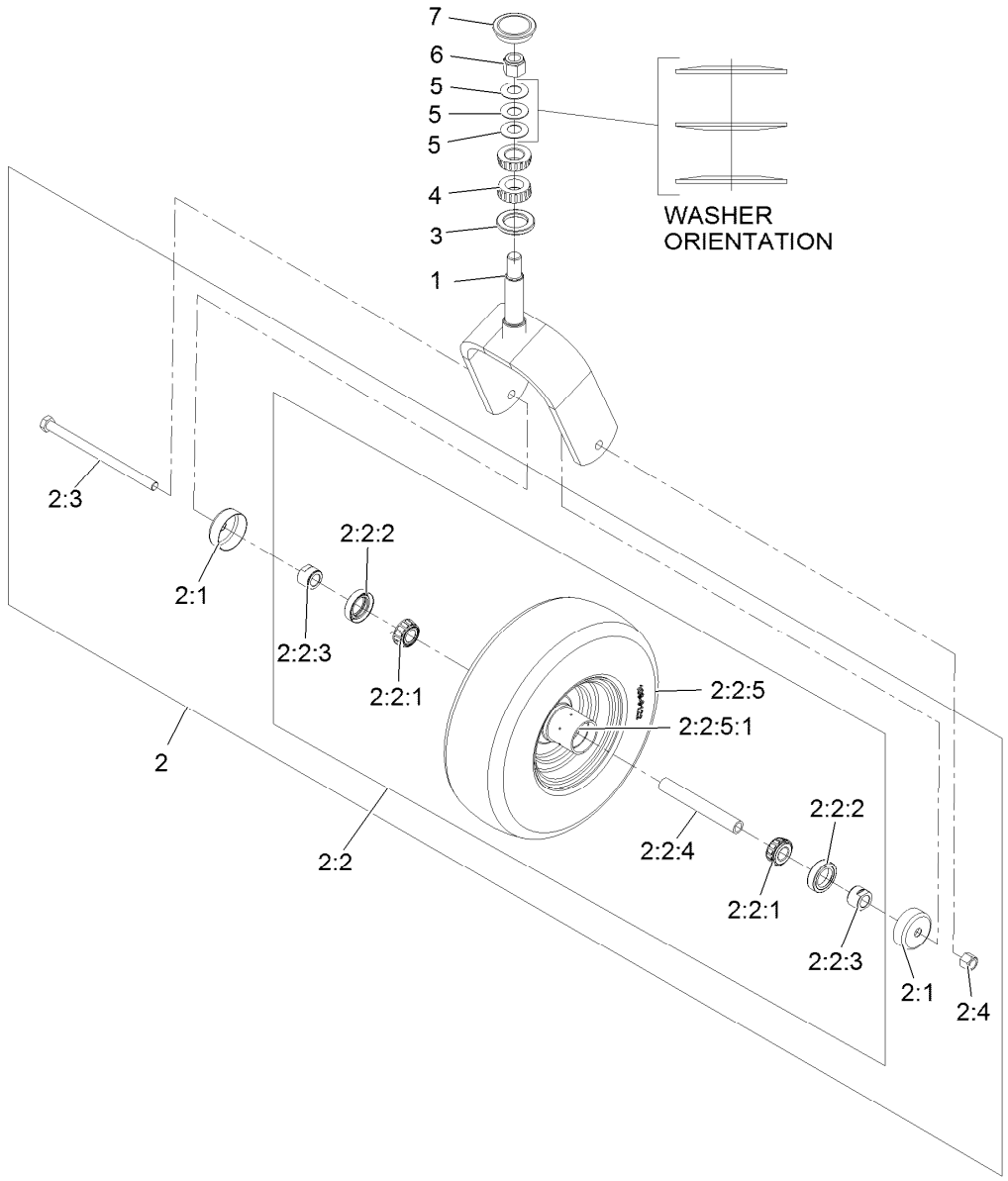
Main Frame Decal Assembly No. 116-8138

Ref.	*Part Number*	*Qty.*	*Description*
2	121-6150	1	Decal-Warning
3	120-9570	1	Decal-Warning
4	121-6161	2	Decal-Danger
5	116-9391	1	Decal-Belt Routing
6	32148-10	2	Insert-Nut



Platform Assembly No. 116-9135

Ref.	*Part Number*	*Qty.*	*Description*
2	114-1926	1	Bumper-Rubber
3	104-8300	3	Nut-Flange, NI
4	104-8301	2	Nut-Flange, NI
5	323-6	2	Screw-HH
6	116-8950-01	1	Rocker-Pedal, Foot
7	114-1925	2	Bumper-Rubber

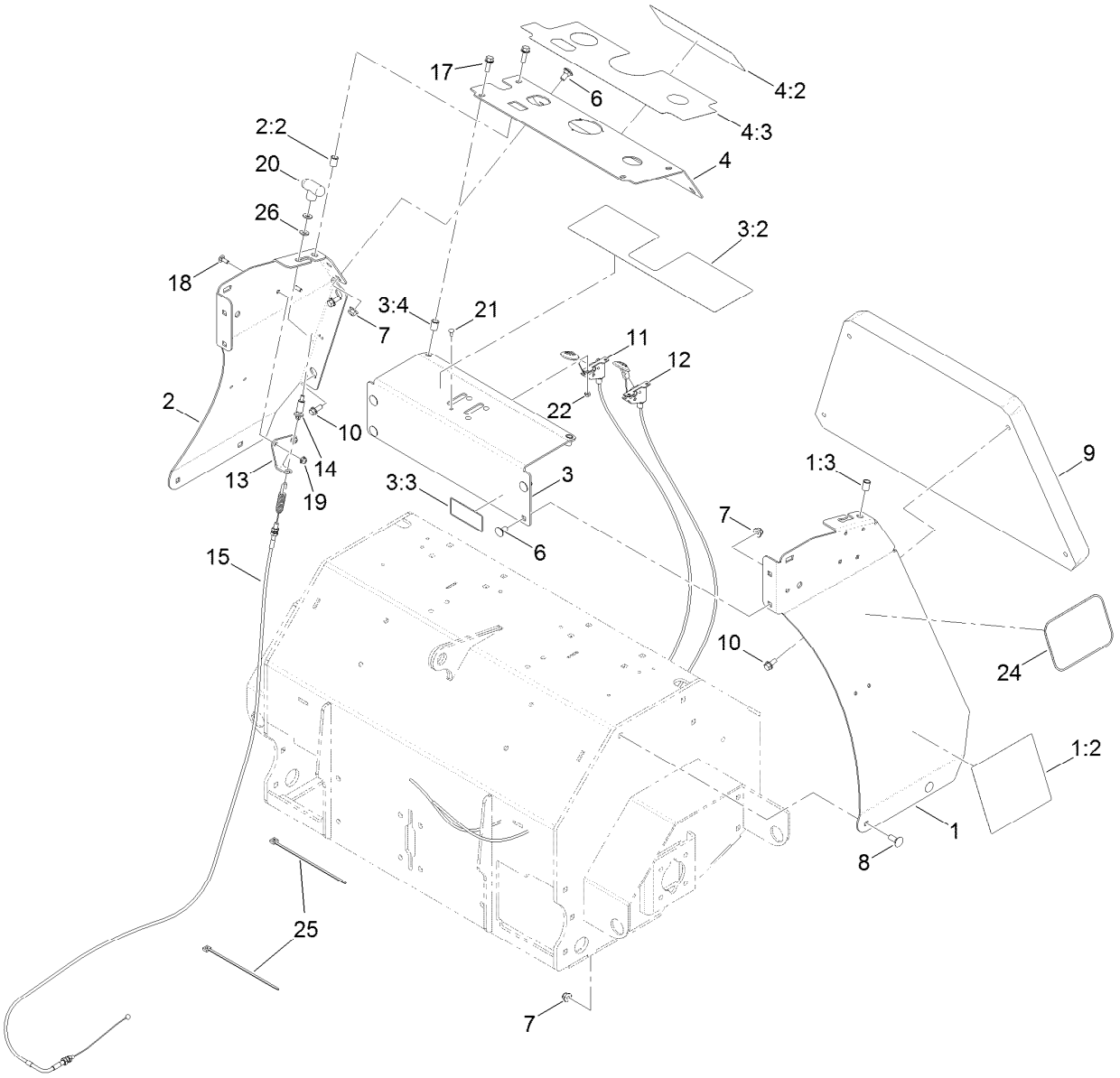


Caster Wheel and Fork Assembly

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, Taper
2:2:2	103-0063	2	Seal-Caster
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
2:4	3296-23	1	Nut-Lock, NI
3	116-5647	1	Seal-Grease
4	1-543509	2	Bearing-Roller, Tapered
5	1-633508	3	Washer-Bellville
6	3296-51	1	Nut-Lock, NI
7	103-4882	1	Cap-Grease

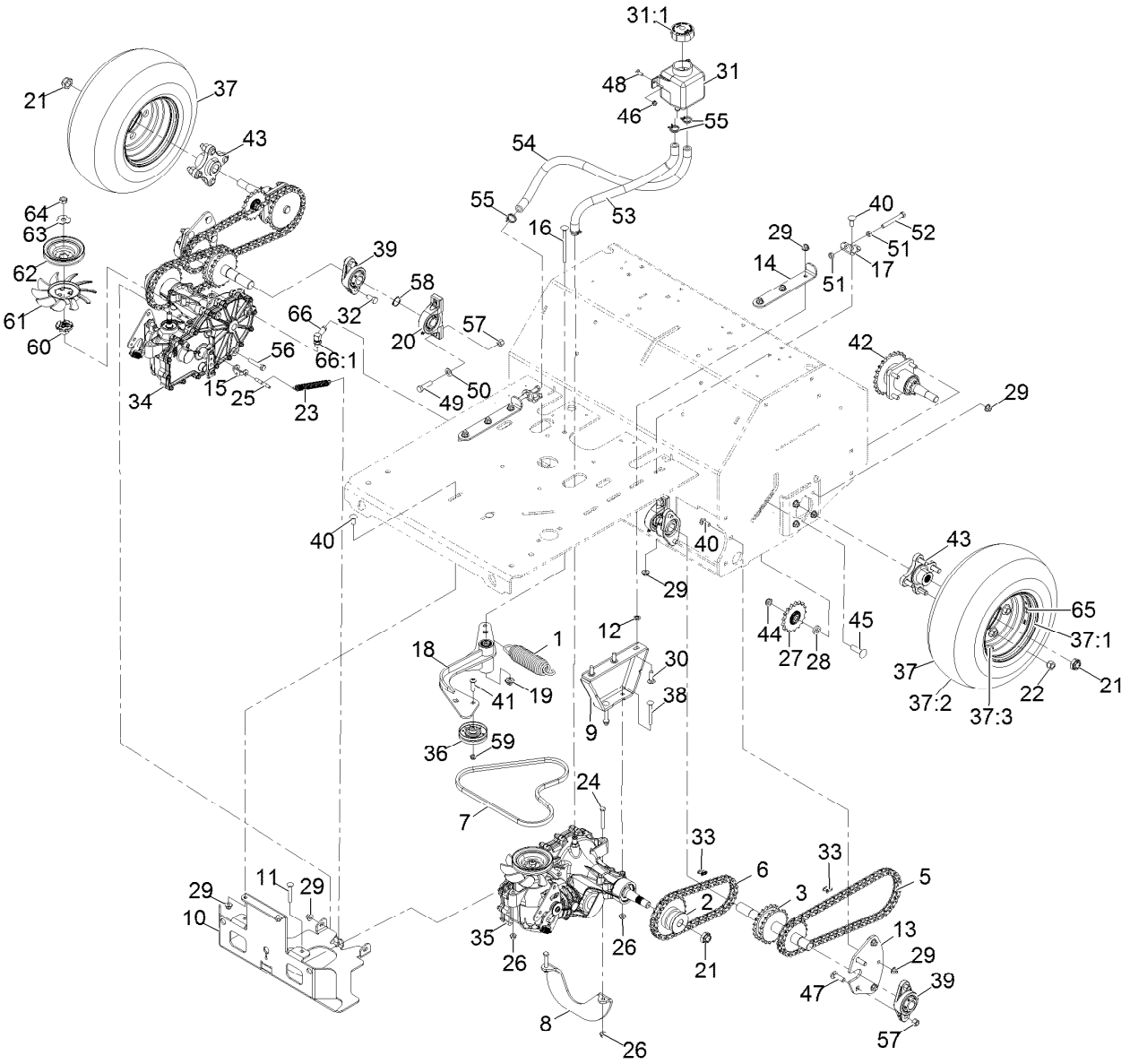
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Tower Assembly

Ref.	Part Number	Qty.	Description
1	116-9387	1	LH Side Panel ASM
1:2	116-9392	1	Decal-Service Aid Ce
1:3	32148-7	1	Nut-Insert
2	116-7657	1	RH Side Panel ASM
2:2	32148-7	1	Nut-Insert
3	116-6784	1	Plate ASM
3:2	121-6164	1	Decal-Warning, Control Panel
3:3	121-6162	1	Decal-Warning, Tines
3:4	32148-7	2	Nut-Insert
4	116-9142	1	Console ASM
4:2	121-6166	1	Decal-Danger
4:3	116-9132	1	Decal-Danger, Control Panel
6	3231-1	6	Screw-CARR
7	104-8301	10	Nut-Flange, NI
8	3231-2	4	Bolt-CARR

Ref.	Part Number	Qty.	Description
9	116-6959	1	Cushion-Black
10	3234-5	4	Screw-HHF
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-HHF
18	3229-1	2	Bolt-CARR
19	104-7201	2	Nut-HF
20	116-7607	1	Knob-Tee
21	1-807513	4	Bolt-CARR
22	3296-2	4	Nut-Lock, NI
24	62-5550	2	Decal
25	1-303335	2	Tie-Plastic
26	3256-2	2	Washer-Flat

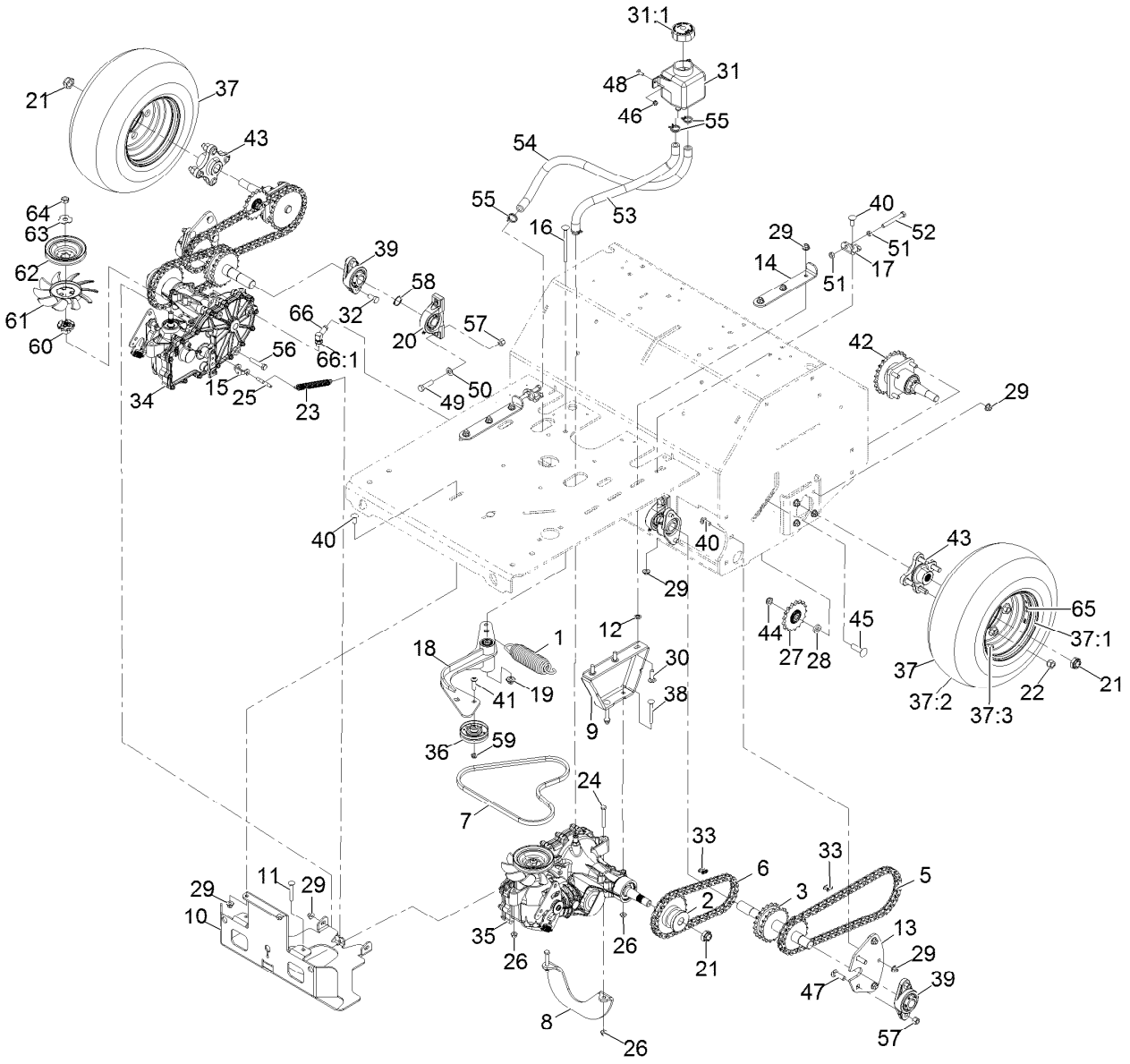


Ground Drive Assembly

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
6	116-6896	2	Link-#50 Roller Chain, 47
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-CARR
12	107-3154	6	Nut-Push
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
17	116-6723	2	Bracket-Hydro, Adjust
18	116-9307	1	Idler Arm ASM

Ref.	Part Number	Qty.	Description
19	109-6658	1	Nut-Flange, NI
20	116-6756	2	Bearing-Pillow Block
21	116-2839	4	Nut-Lock
22	242-50	8	Nut-Lug
23	76-4660	1	Spring-Door
24	322-12	2	Screw-HH
25	116-7596	1	Pin-Brake, Park
26	104-8300	8	Nut-Flange, NI
27	116-6719	2	Sprocket-Idler, 17T
28	104-8417	2	Washer
29	104-8301	26	Nut-Flange, NI
30	3231-25	6	Bolt-CARR
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)

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

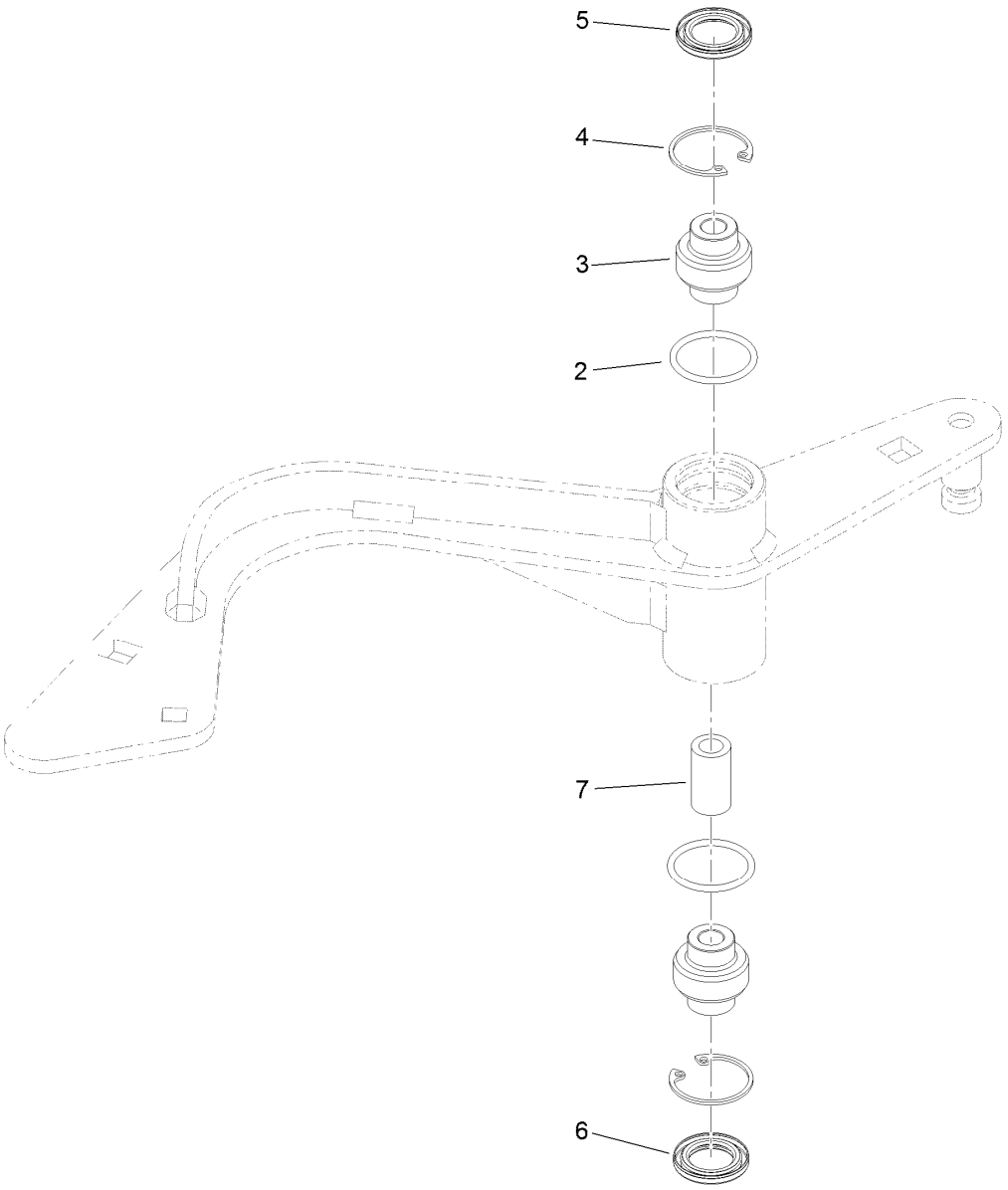


Ground Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
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	Screw-CARR
39	116-6777	4	Bearing-Flange, 2 Bolt
40	3231-2	10	Bolt-CARR
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-Lock, NI
45	3233-14	2	Screw-CARR
46	104-7201	2	Nut-HF
47	3232-3	4	Bolt-CARR
48	3229-1	2	Bolt-CARR
49	324-6	4	Screw-HH
50	3256-25	4	Washer-Flat

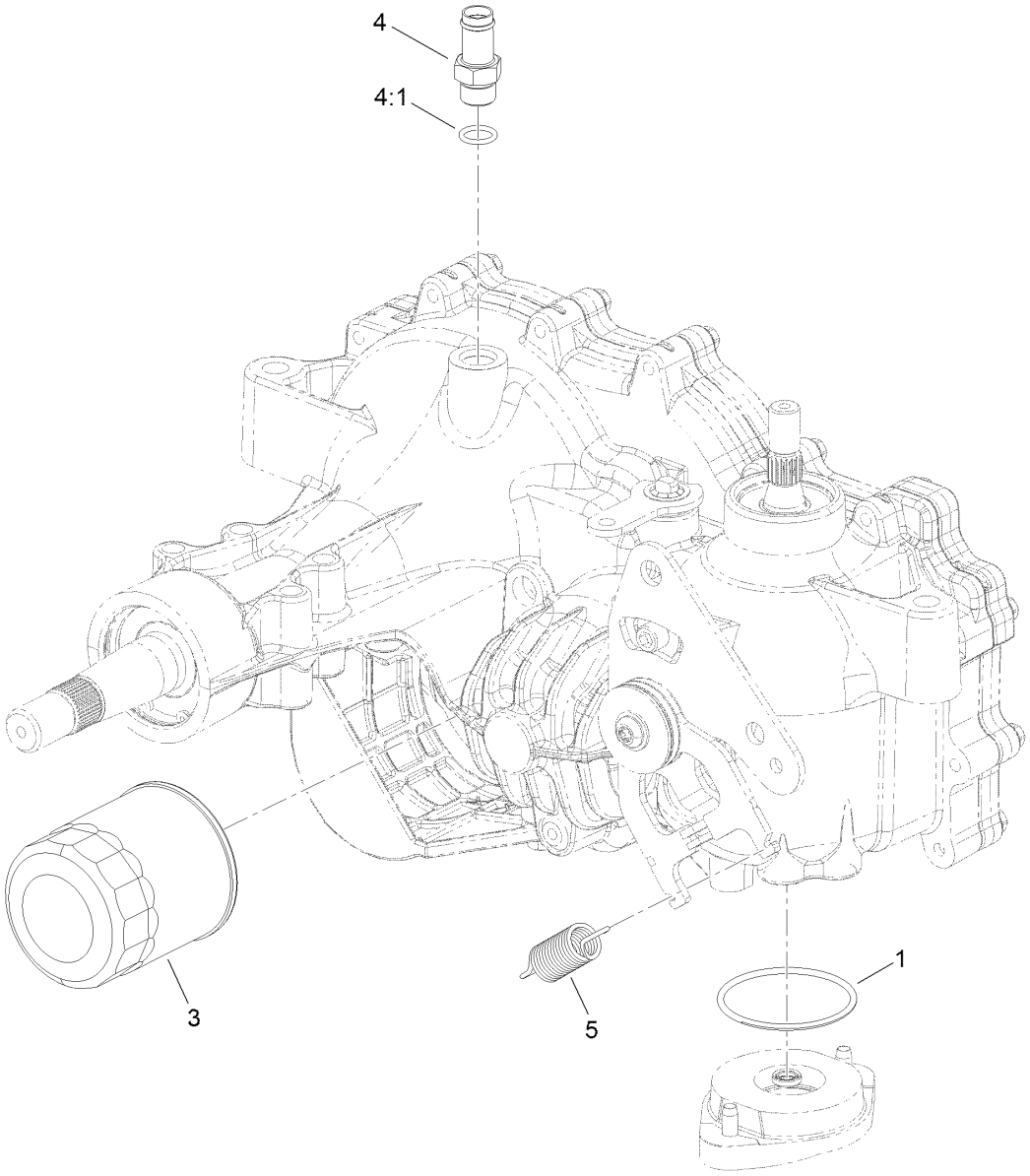
Ref.	Part Number	Qty.	Description
51	3217-7	4	Nut-Hex
52	99-8664	2	Screw-HH
53	116-6775	1	Hose-Hydraulic
54	116-6776	1	Hose-Hydraulic
55	109-3322	4	Clamp-Hose
56	323-10	2	Screw-HH
57	3296-48	8	Nut-Lock, NI
58	32151-29	2	Ring-Retaining
59	3296-59	1	Nut-Lock, NI
60	116-9705	2	Hub-Pulley
61	116-9706	2	Fan
62	116-9707	2	Pulley
63	116-9708	2	Washer-Slotted
64	116-9714	2	Nut-Jam, Hex ●
65	116-9666	2	Decal-Torques, Wheel Hub And Nut
66	109-6449	1	Fitting-Elbow, 90
66:1	237-42	1	O-Ring

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



Idler Arm Assembly No. 116-9307

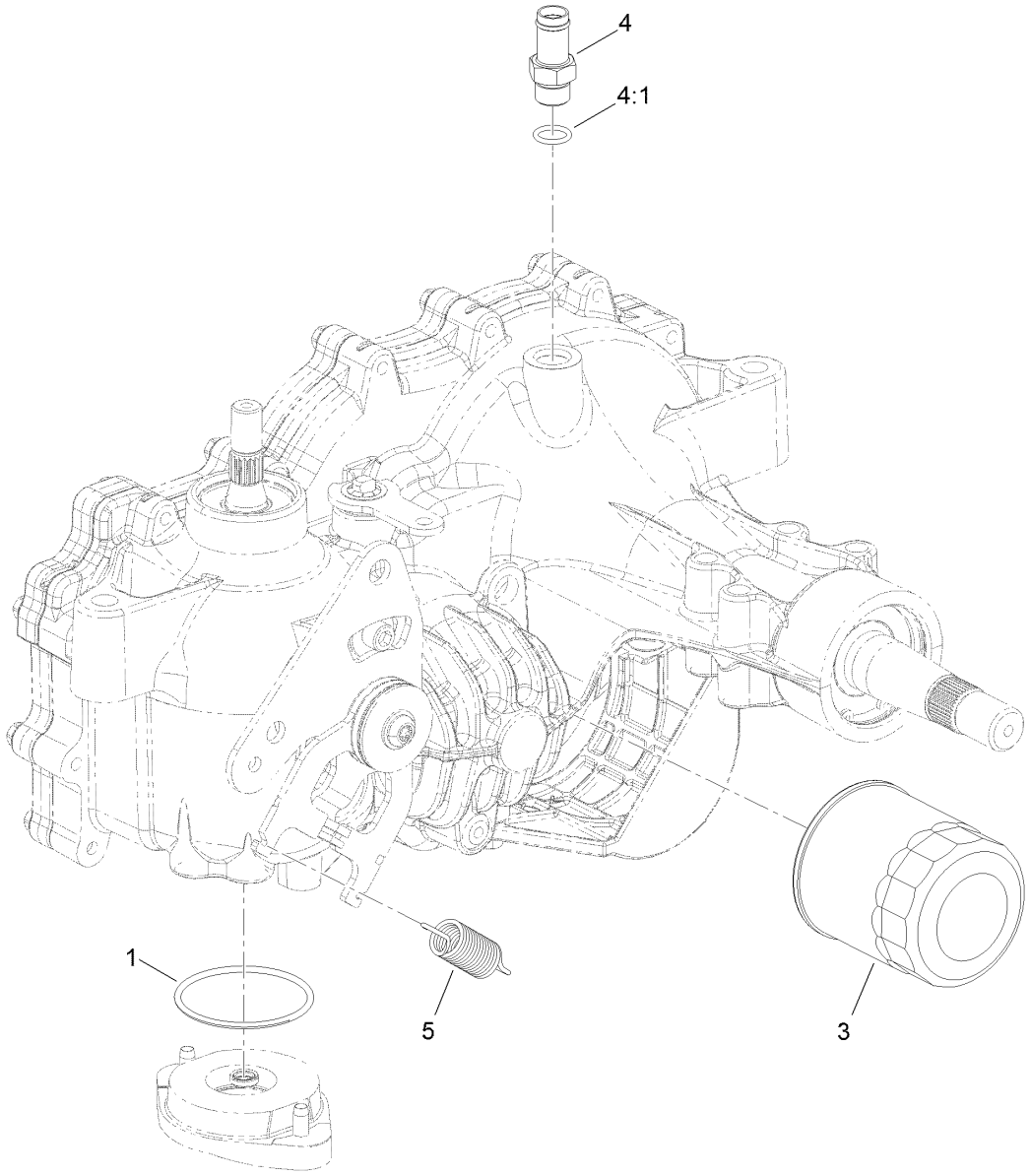
Ref.	*Part Number*	*Qty.*	*Description*
2	106-7159	2	O-Ring
3	103-3504	2	Bearing-Spherical
4	32120-10	2	Ring-Snap
5	103-3506	1	Seal-Single Lip
6	103-3505	1	Seal-Double Lip
7	1-603401	1	Spacer-Fender



RH Transaxle Assembly No. 116-9712

Ref.	*Part Number*	*Qty.*	*Description*
1	109-3540	1	O Ring-Seal
3	109-3321	1	Element-Oil Filter, HYD
4	109-3278	1	Adapter-Straight
4:1	1-603921	1	O-Ring
5	109-5592	1	Spring-Extension
99	109-3537	1	Complete Seal Kit ●

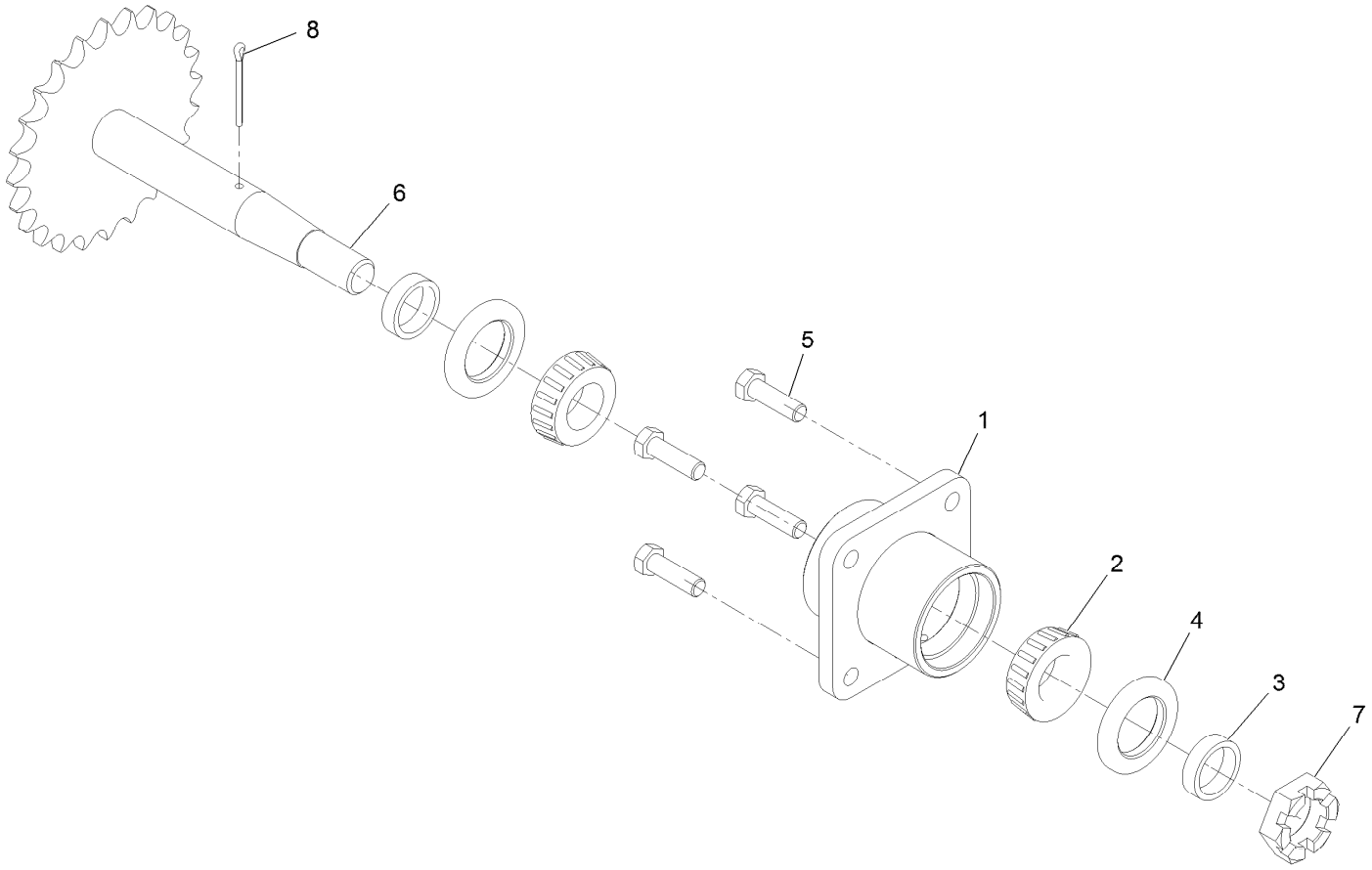
● Not illustrated



LH Transaxle Assembly No. 116-9713

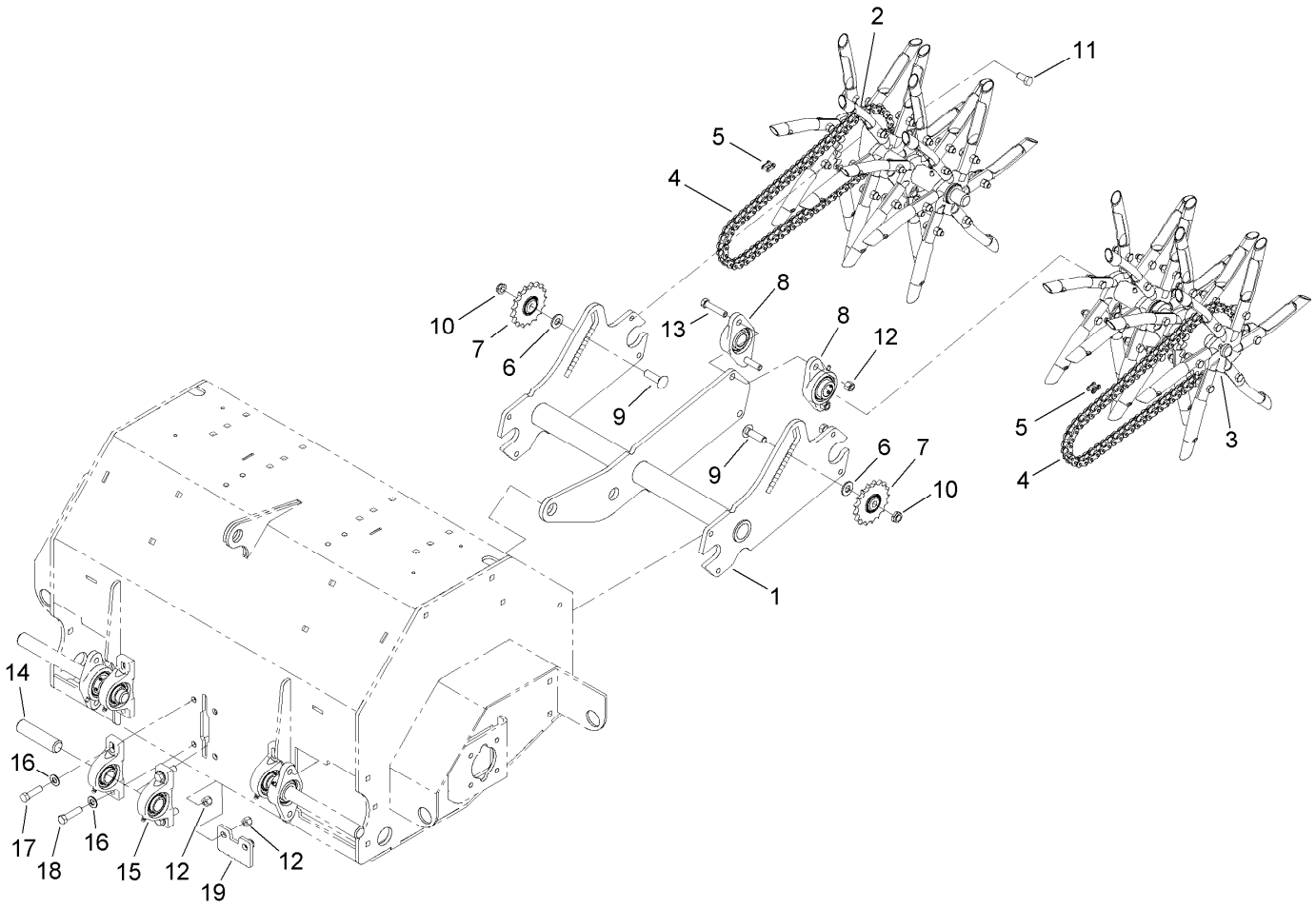
Ref.	*Part Number*	*Qty.*	*Description*
1	109-3540	1	O Ring-Seal
3	109-3321	1	Element-Oil Filter, HYD
4	109-3278	1	Adapter-Straight
4:1	1-603921	1	O-Ring
5	109-5592	1	Spring-Extension
99	109-3537	1	Complete Seal Kit ●

● Not illustrated



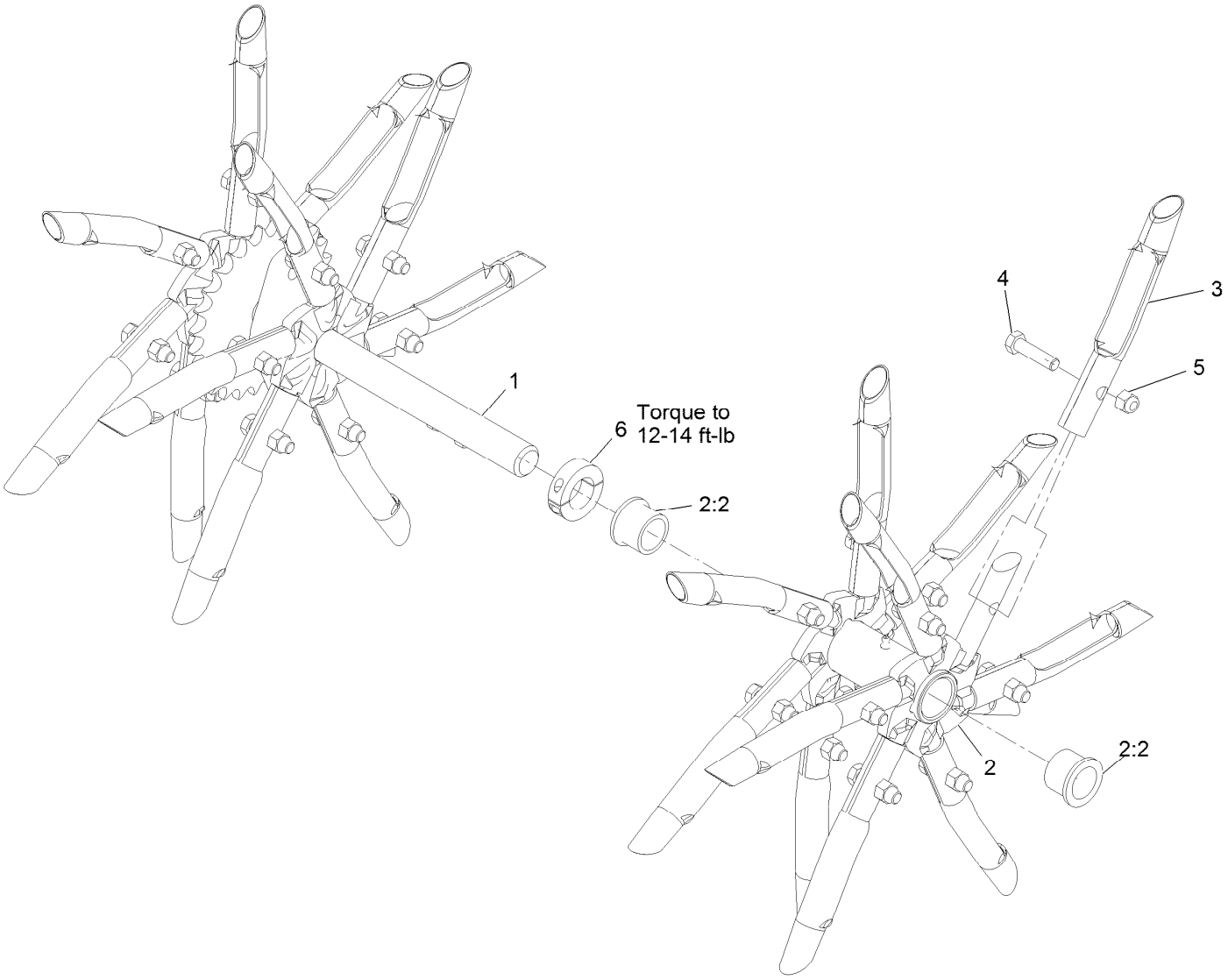
Axle and Bearing Assembly No. 116-9545

Ref.	*Part Number*	*Qty.*	*Description*
1	116-6746-01	1	Mount-Bearing, Wheel
2	1-543509	2	Bearing-Roller, Tapered
3	116-6758	2	Spacer
4	1-543511	2	Seal-Grease
5	323-7	4	Screw-HH
6	116-9484	1	Axle
7	99-3139	1	Nut
8	1-806800	1	Pin-Cotter



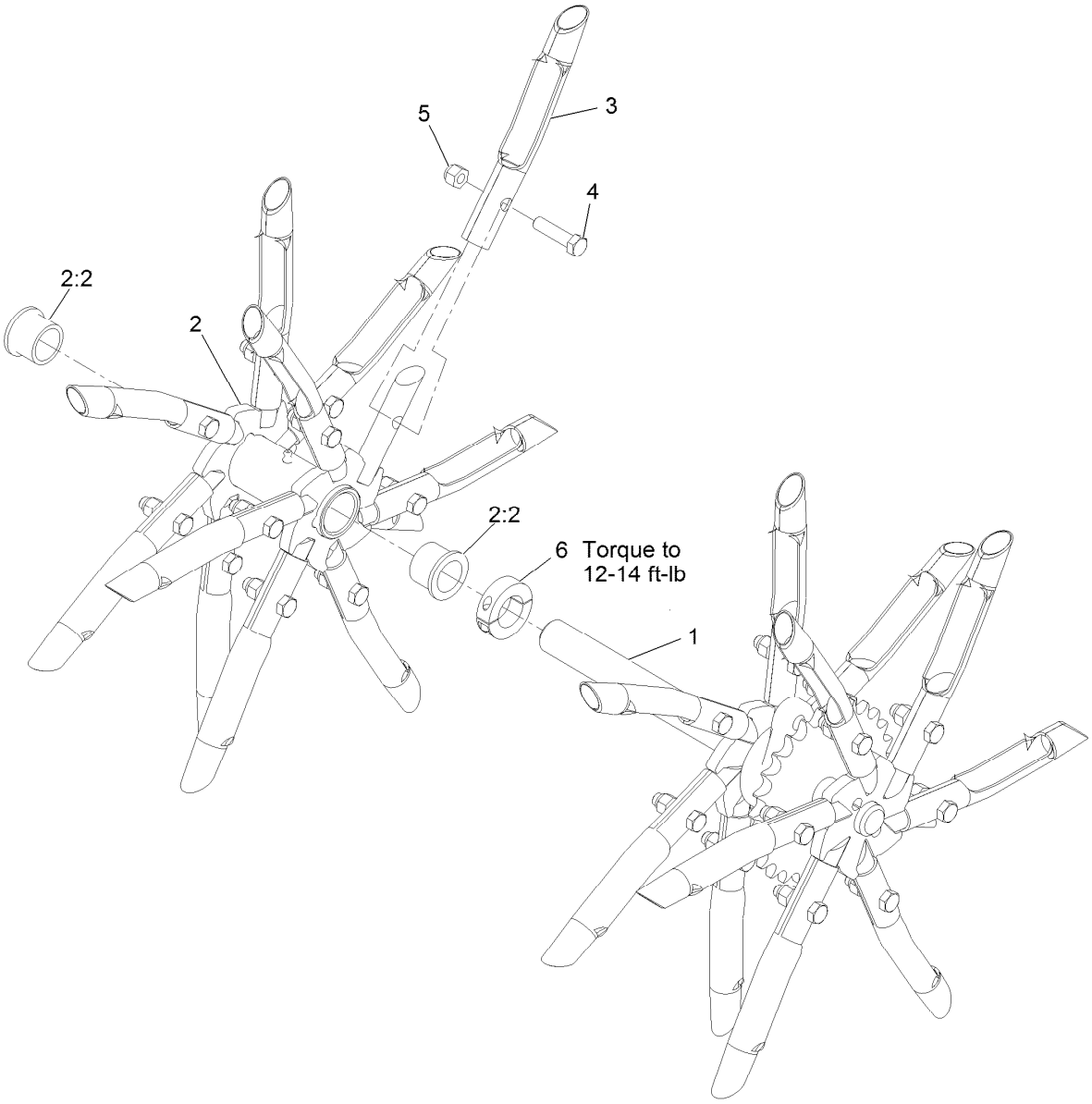
Tine Assembly

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
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-Lock, NI
11	116-7109	4	Screw-HH
12	3296-48	6	Nut-Lock, NI
13	324-8	2	Screw-HH
14	116-6629	1	Shaft
15	116-6756	2	Bearing-Pillow Block
16	3256-25	4	Washer-Flat
17	324-6	2	Screw-HH
18	324-7	2	Screw-HH
19	116-7327-01	1	Plate-Downstop



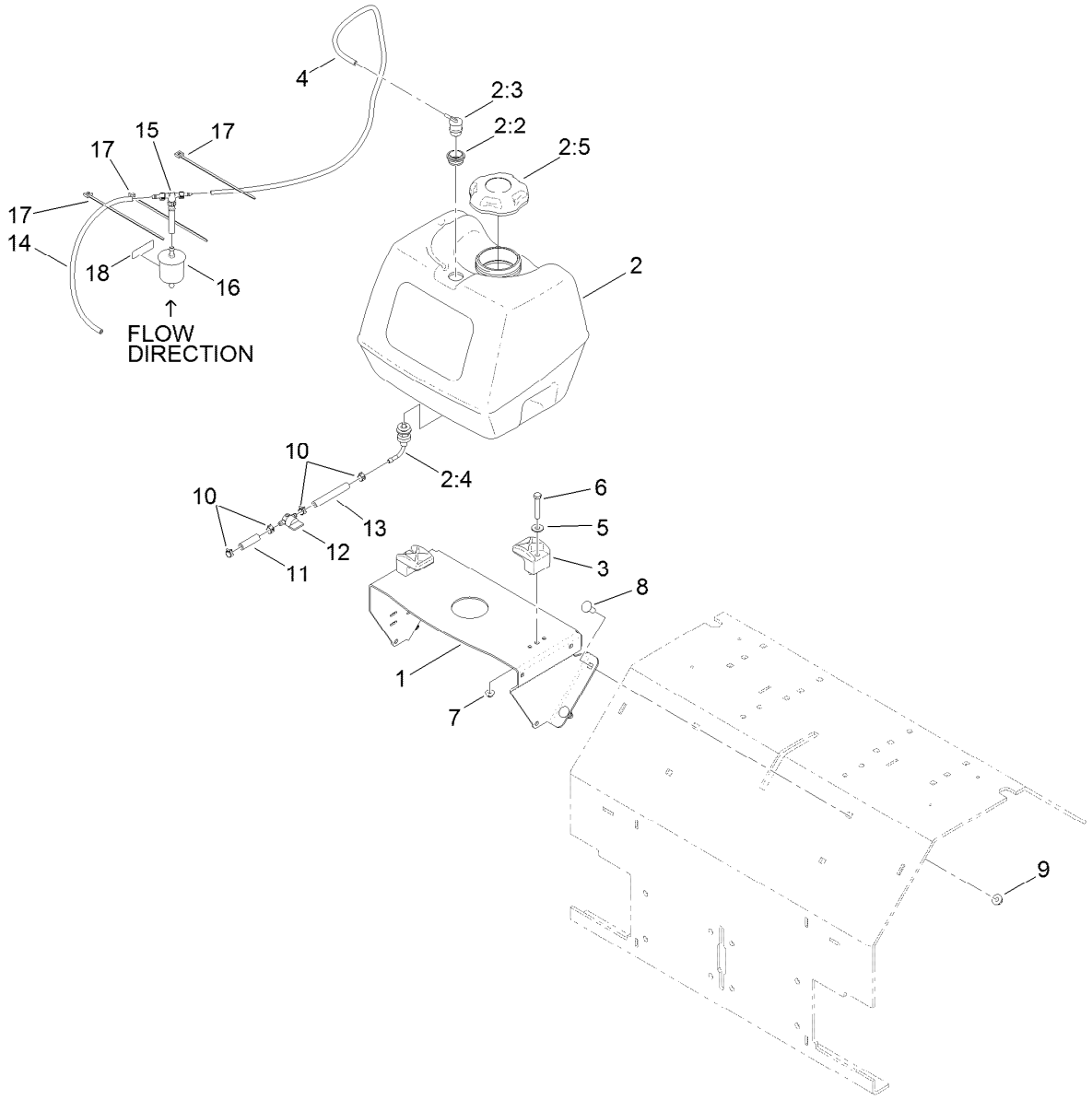
RH Tine Wheel Assembly No. 116-6738

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	121-4894	24	Tine-Coring
4	323-8	24	Screw-HH
5	3296-39	24	Nut-Lock, NI
6	116-7271	1	Collar-Locking



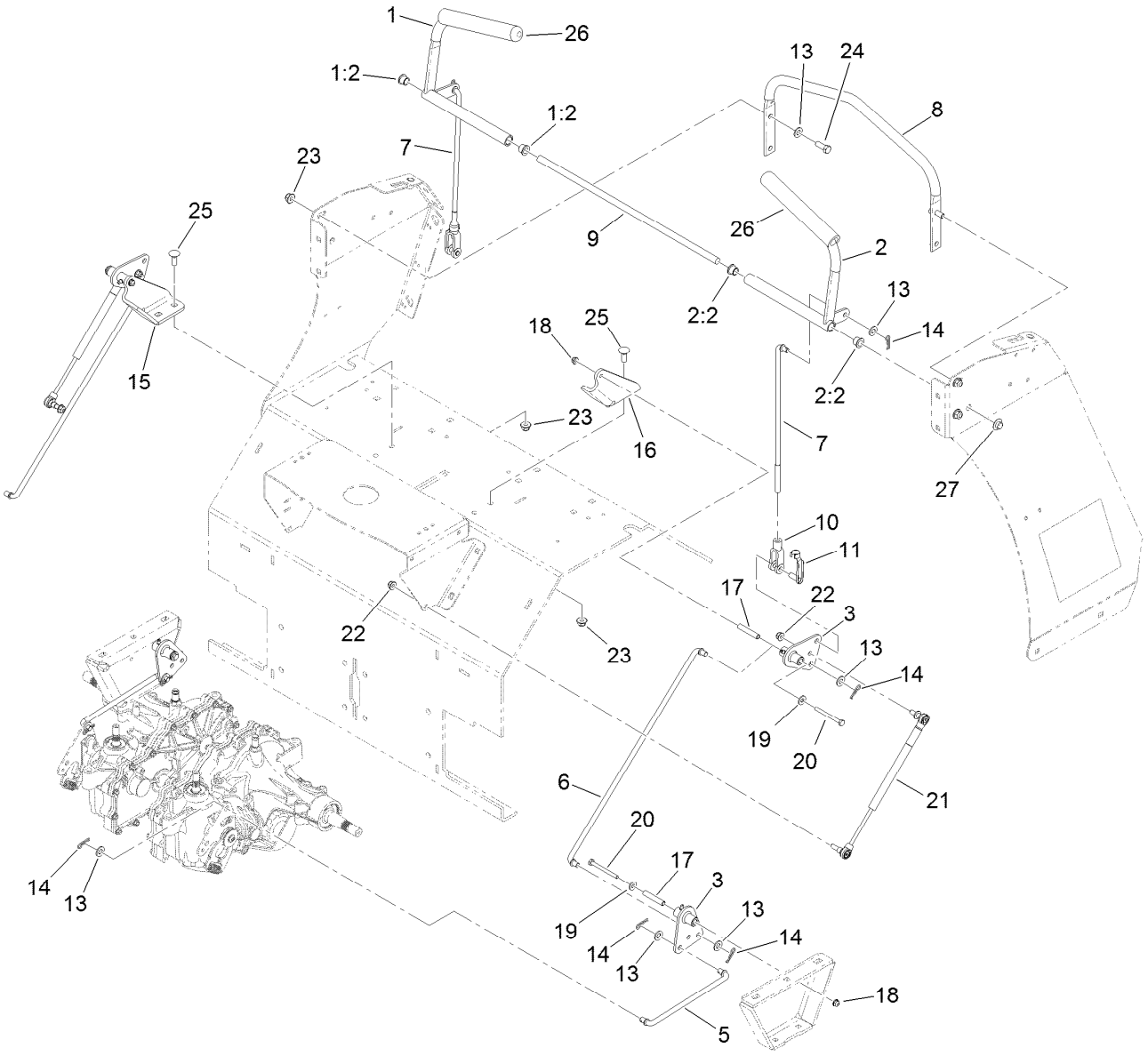
LH Tine Wheel Assembly No. 116-6739

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	121-4894	24	Tine-Coring
4	323-8	24	Screw-HH
5	3296-39	24	Nut-Lock, NI
6	116-7271	1	Collar-Locking



Fuel Assembly

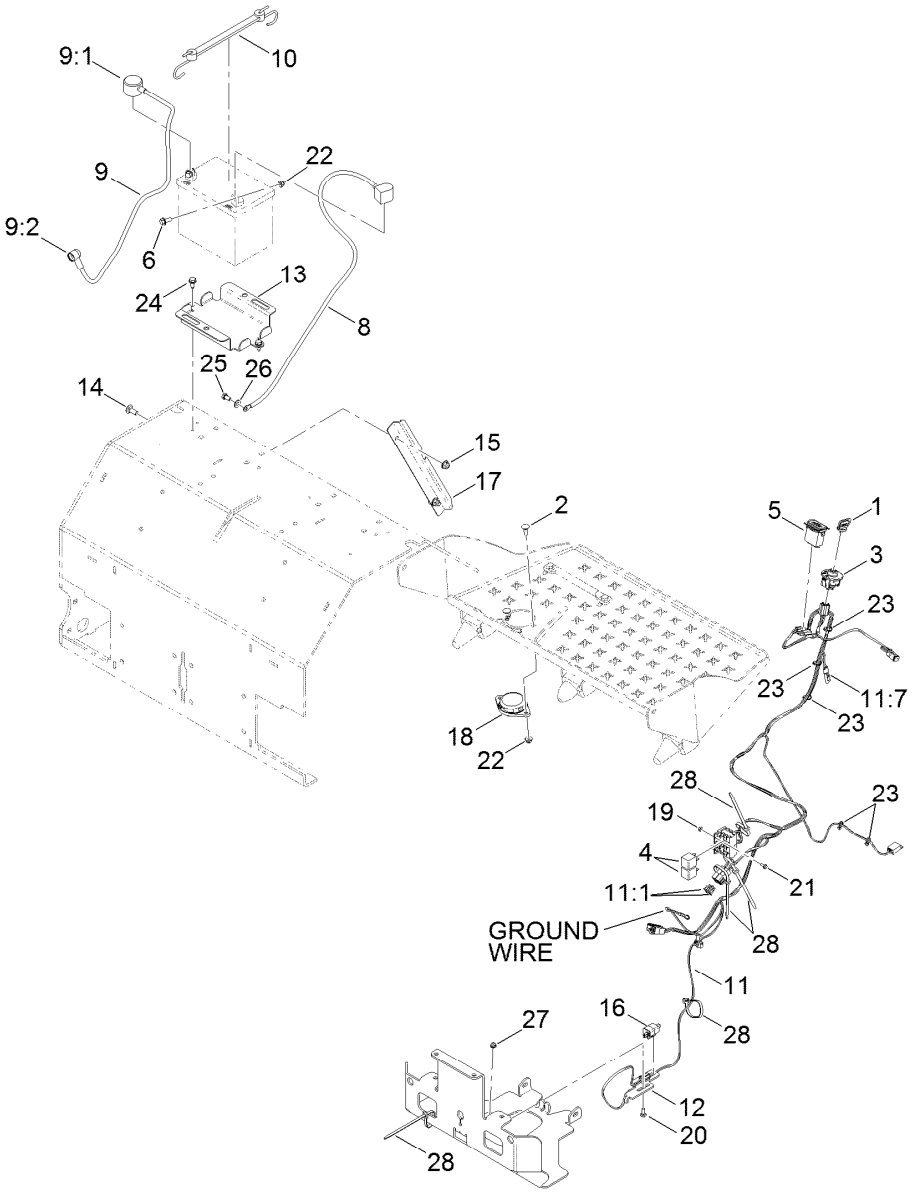
Ref.	Part Number	Qty.	Description
1	116-9541-01	1	Support-Tank, Fuel
2	119-7899	1	Fuel Tank ASM
2:2	114-0284	1	Grommet
2:3	114-0285	1	Valve-Rollover
2:4	103-2605	1	Fitting-Fuel, Bulkhead
2:5	120-5461	1	Cap-Fuel, Ratcheting
3	107-4543	2	Clamp
4	116-4346	1	Hose-Emissions
5	3256-3	2	Washer-Flat
6	322-10	2	Screw-HH
7	104-8300	2	Nut-Flange, NI
8	3231-22	4	Screw-CARR
9	104-8301	4	Nut-Flange, NI
10	2412-98	4	Clamp-Hose
11	119-7856	1	Hose-Fuel
12	1-603770	1	Valve-Fuel
13	105-8342	1	Hose-Fuel
14	115-7872	1	Hose-Fuel
15	116-5464	1	Tee And Check
16	120-2235	1	Filter-Fuel
17	1-303335	3	Tie-Plastic
18	116-4769	1	Decal-Filter, Emissions



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	3	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-Spring, Clevis
13	3256-24	14	Washer-Flat
14	1-806003	10	Pin-Cotter, Hair

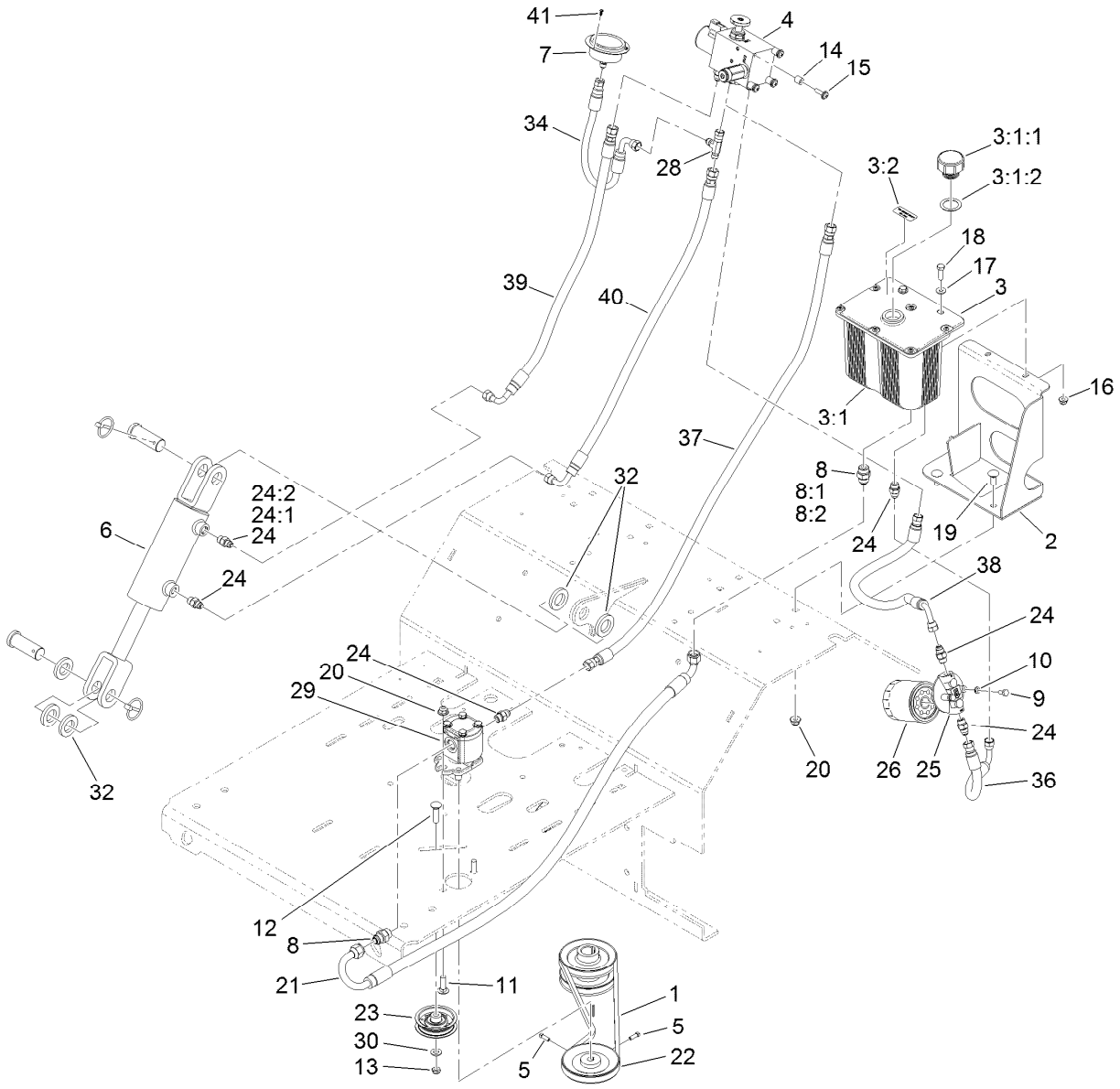
Ref.	Part Number	Qty.	Description
15	116-6576-03	1	Bracket-Pivot, RH
16	116-6577-03	1	Bracket-Pivot, LH
17	116-7224	4	Spacer
18	104-7201	4	Nut-HF
19	3256-2	4	Washer-Flat
20	321-14	4	Screw-HH
21	116-0027	2	Damper-Control, Motion
22	104-8300	4	Nut-Flange, NI
23	104-8301	8	Nut-Flange, NI
24	323-6	4	Screw-HH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



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	1-603511	1	Keys-Ignition (Spare Pair)
1	63-8360	1	Key-Ignition (W/Shield)
2	3230-2	2	Bolt-CARR
3	117-2221	1	Switch-Ignition
4	1-643275	2	Relay
5	1-513374	1	Meter-Hour
6	3234-5	2	Screw-HHF
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

Ref.	Part Number	Qty.	Description
13	116-9383-03	1	Bracket-Battery
14	3231-2	2	Bolt-CARR
15	104-8301	2	Nut-Flange, NI
16	110-6765	1	Switch-Single Pole No
17	116-9394-03	1	Guard-Harness
18	92-6282	1	Switch-Seat
19	3296-2	2	Nut-Lock, NI
20	3229-1	1	Bolt-CARR
21	3290-321	2	Screw-HWH
22	104-8300	4	Nut-Flange, NI
23	1-303287	5	Tie-Cable
24	32144-70	2	Screw-HWHTF
25	33114-016	1	Screw-HH
26	33094-00	1	Washer-Plain
27	104-7201	1	Nut-HF
28	1-303335	5	Tie-Plastic

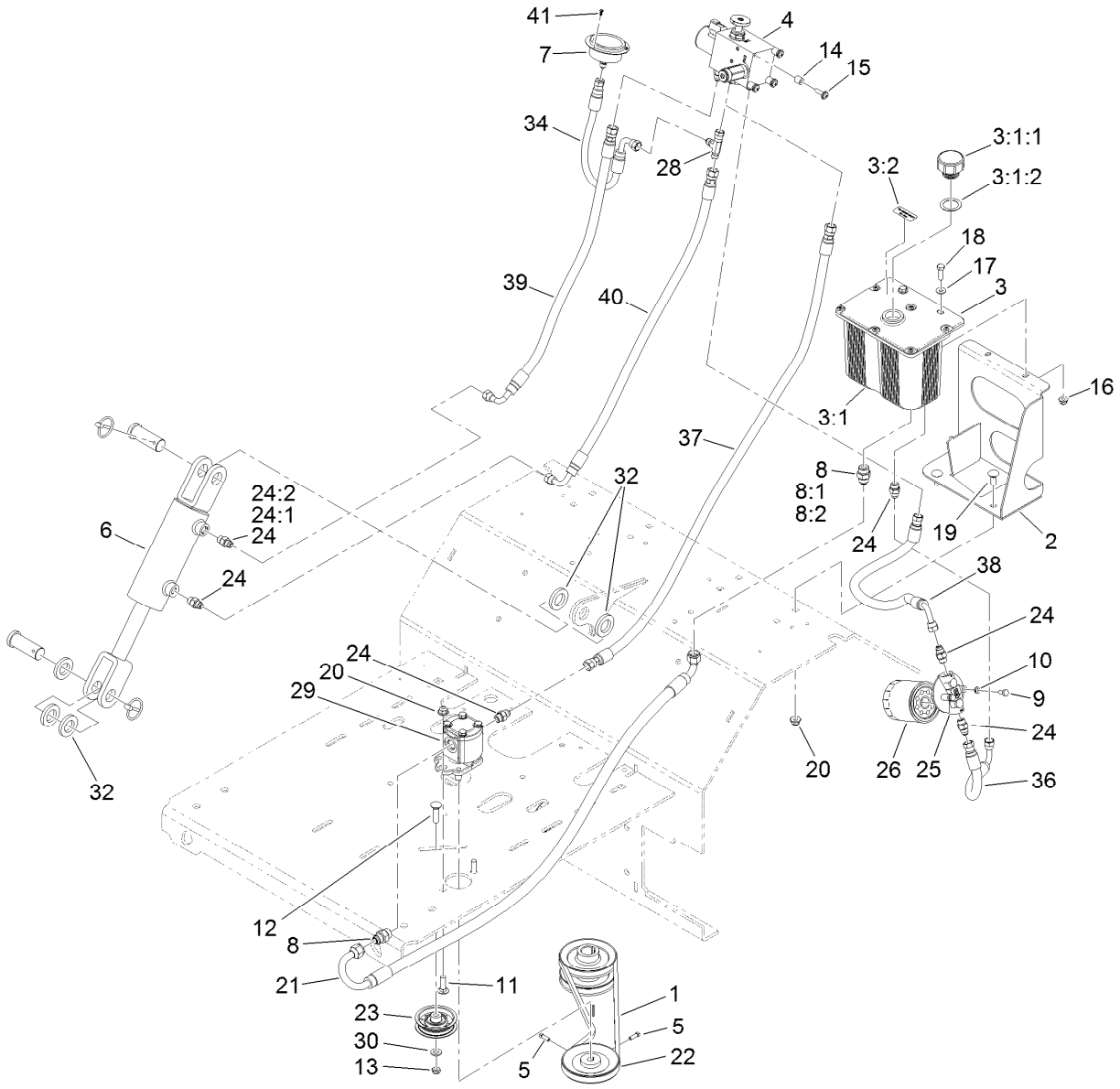


Auxiliary Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	116-8874	1	Belt-4L Section
2	116-6618-03	1	Bracket-Tank, Hydraulic
3	116-7557	1	Reservoir ASM
3:1		1	Tank-Hydraulic ●
3:1:1	103-1948	1	Cap-Reservoir, HYD
3:1:2	103-1949	1	Gasket-Cap
3:2	93-6686	1	Decal-Oil, HYD
4	116-9549	1	Valve-Manifold
5	3241-6	2	Screw-SQH ■
6	116-6969	1	HYD Cylinder ASM
7	116-8178	1	Gauge-Pressure
8	1-603990	2	Fitting-Straight
8:1	1-603920	1	O-Ring
8:2	1-603992	1	O-Ring
9	321-3	2	Screw-HH
10	1-805004	2	Washer-Lock
11	3231-25	2	Bolt-CARR
12	3231-4	1	Screw-CARR

Ref.	Part Number	Qty.	Description
13	3296-59	1	Nut-Lock, NI
14	22-7810	4	Spacer
15	110-9361	4	Screw-PPH, Sems
16	104-8300	2	Nut-Flange, NI
17	3256-2	2	Washer-Flat
18	322-5	2	Screw-HH
19	3231-2	4	Bolt-CARR
20	104-8301	6	Nut-Flange, NI
21	116-9309	1	Hose-Hydraulic
22	116-6667	1	Pulley
23	116-6760	1	Pulley-Idler, Flat
24	103-2156	6	Fitting-Straight
24:1	1-603921	1	O-Ring
24:2	103-1020	1	O-Ring
25	104-7836	1	Head-Filter
26	1-633750	1	Filter-Oil, HYD
28	353-877	1	Fitting-HYD, Tee (Swivel)
29	116-9129	1	Hydraulic Pump ASM

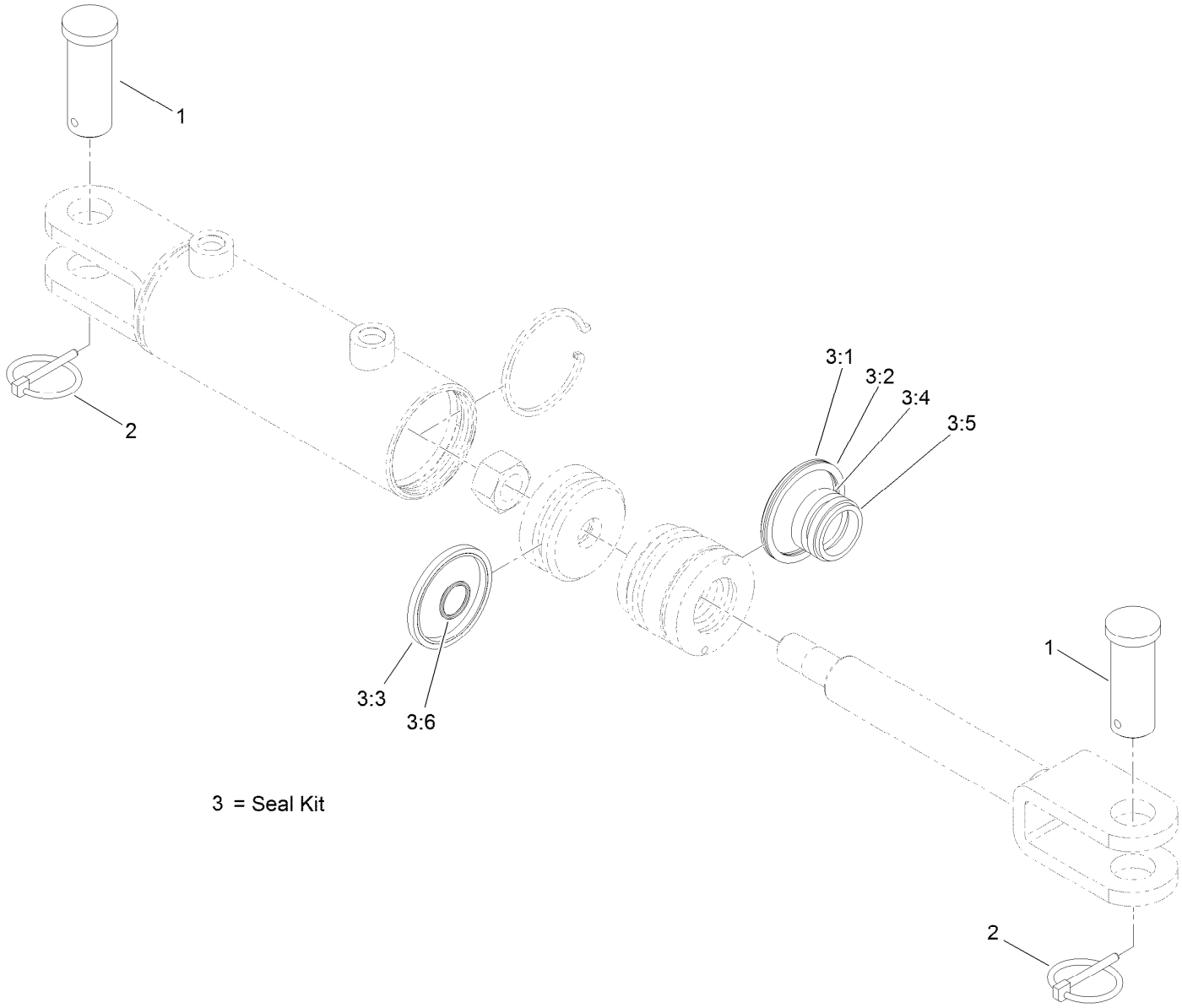
● Not serviced separately
■ Use Pro-Lock, Nut Type (P/N 1-840022, .5ml tube) on threads.



Auxiliary Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
30	3256-24	1	Washer-Flat
32	116-6781	5	Spacer
34	116-8180	1	Hose-Hydraulic, Hp
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

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

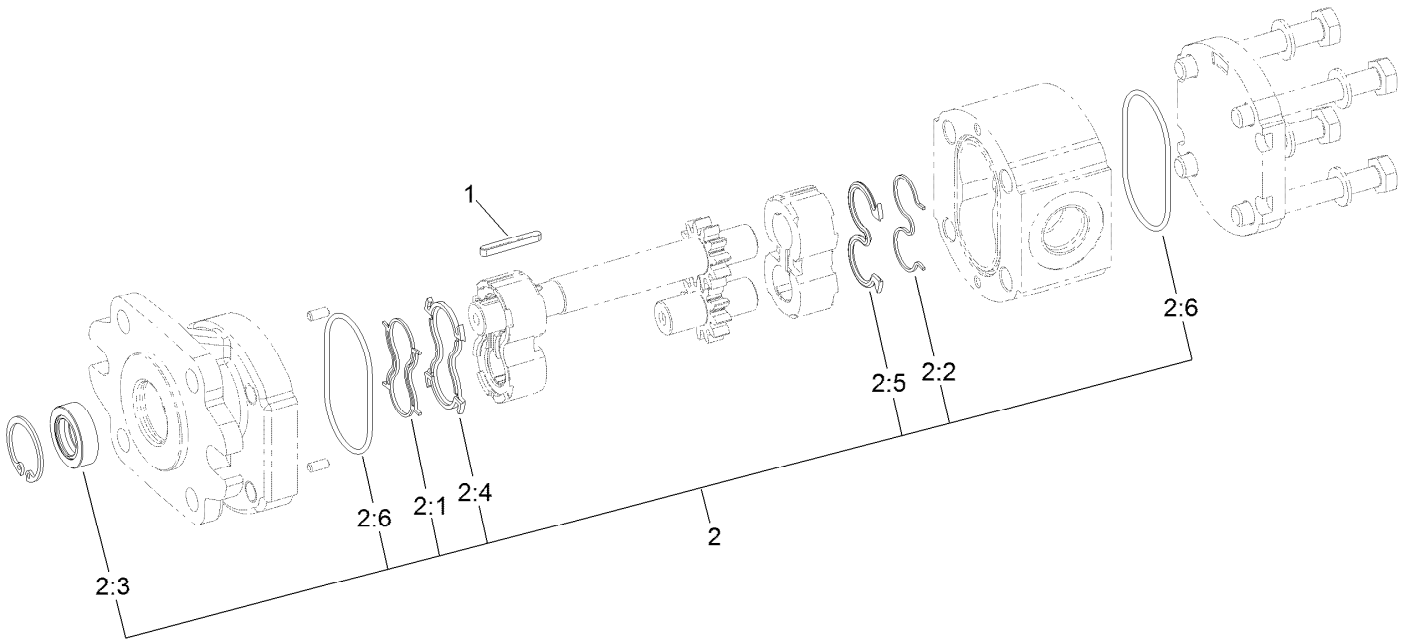


3 = Seal Kit

Hydraulic Cylinder Assembly No. 116-6969

Ref.	*Part Number*	*Qty.*	*Description*
1	116-7290	2	Pin-Clevis
2	92-1298	2	Pin-Lynch
3	127-3234	1	Seal Kit
3:1		1	O-Ring ●
3:2		1	Backup Ring ●
3:3		1	Psp Seal ●
3:4		1	Bs Seal ●
3:5		1	Dust Seal ●
3:6		1	O-Ring ●

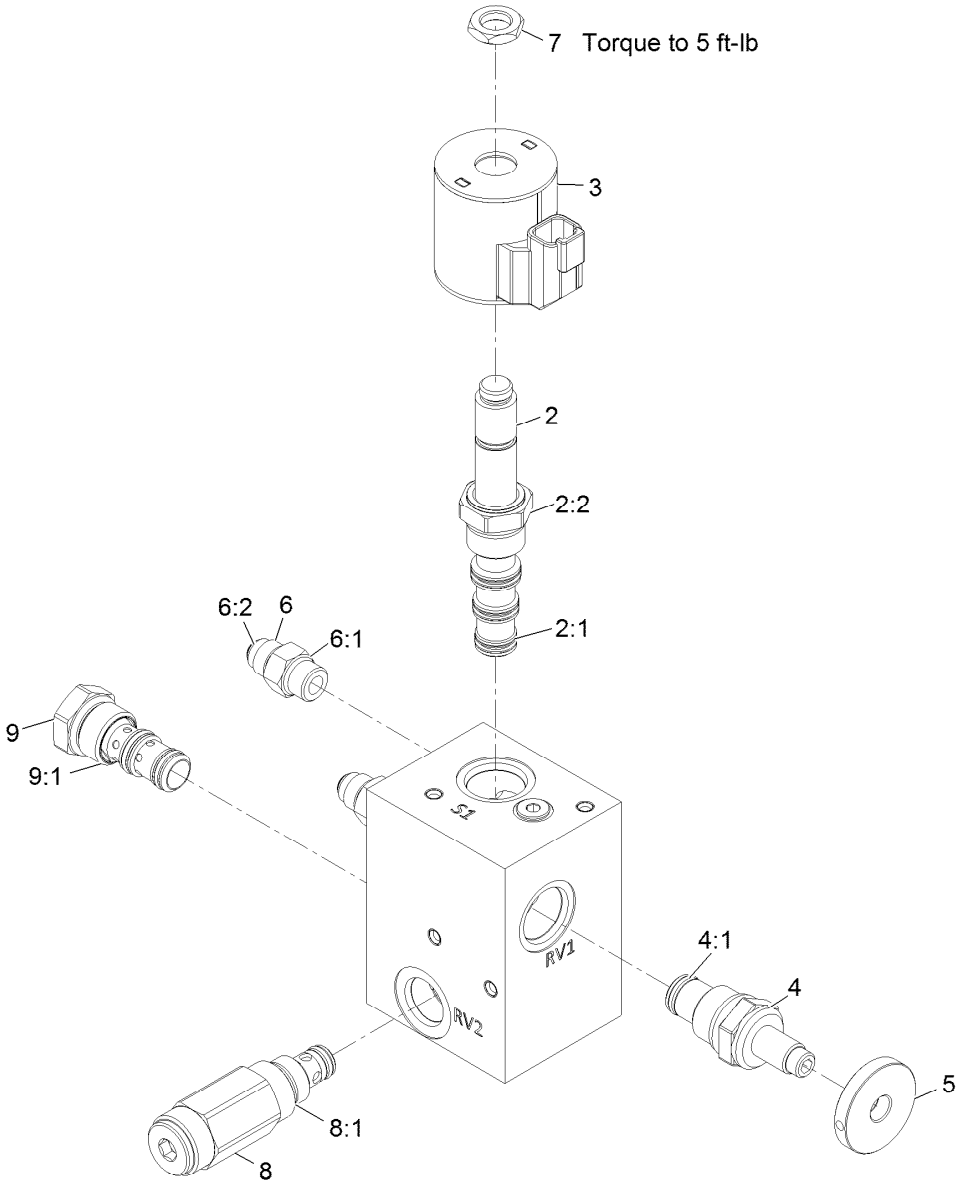
● Not serviced separately



Hydraulic Pump Assembly No. 116-9129

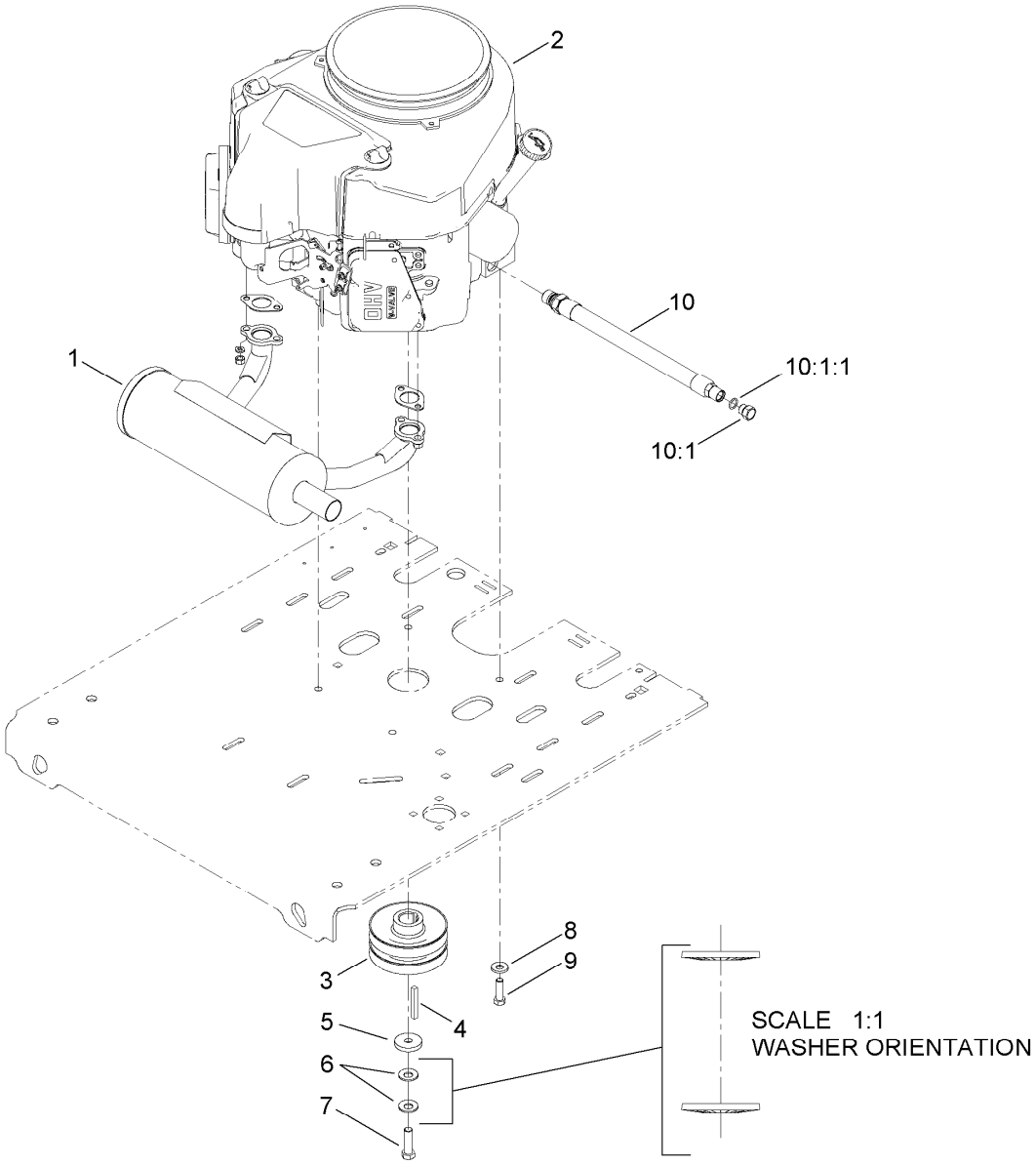
Ref.	*Part Number*	*Qty.*	*Description*
1	115-7855	1	Key-Square
2	112-0199	1	Seal Kit
2:1		1	Seal-Anti Extrusion ●
2:2		1	Seal-Anti Extrusion ●
2:3		1	Seal-Shaft ●
2:4		1	Seal-Upper ●
2:5		1	Seal ●
2:6		1	O-Ring ●

● Not serviced separately



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	O-Ring
5	116-9396	1	Knob (1.5 Dia)
6	103-2156	4	Fitting-Straight
6:1	1-603921	1	O-Ring
6:2	103-1020	1	O-Ring
7	110-2634	1	Nut-Coil
8	116-9716	1	Valve-Relief
8:1	116-9717	1	O-Ring
9	116-9718	1	Valve-Check, P O
9:1	116-9719	1	O-Ring



Engine Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	116-3735	1	Muffler-Horizontal
2		1	Engine-Kawasaki, Fs481V_s25-R ●■
3	116-9709	1	Pulley
4	103-4177	1	Key
5	1-543610	1	Washer-Clutch
6	1-603610	2	Washer-Spring
7	109-9761	1	Band, Brake ◆
8	98-5975	4	Washer-Belleville
9	323-7	4	Screw-HH
10	116-4924	1	Engine Oil Drain Hose ASM ▲
10:1	353-508	1	Plug-HH
10:1:1	237-42	1	O-Ring

● 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

Notes:



Count on it.