Form No. 3385-152 Rev A

TORO®

Count on it.

Parts Catalog

30in Stand-On Aerator

Model No. 29518—Serial No. 314000001 and Up

Model No. 39518—Serial No. 314000001 and Up

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

3385-152 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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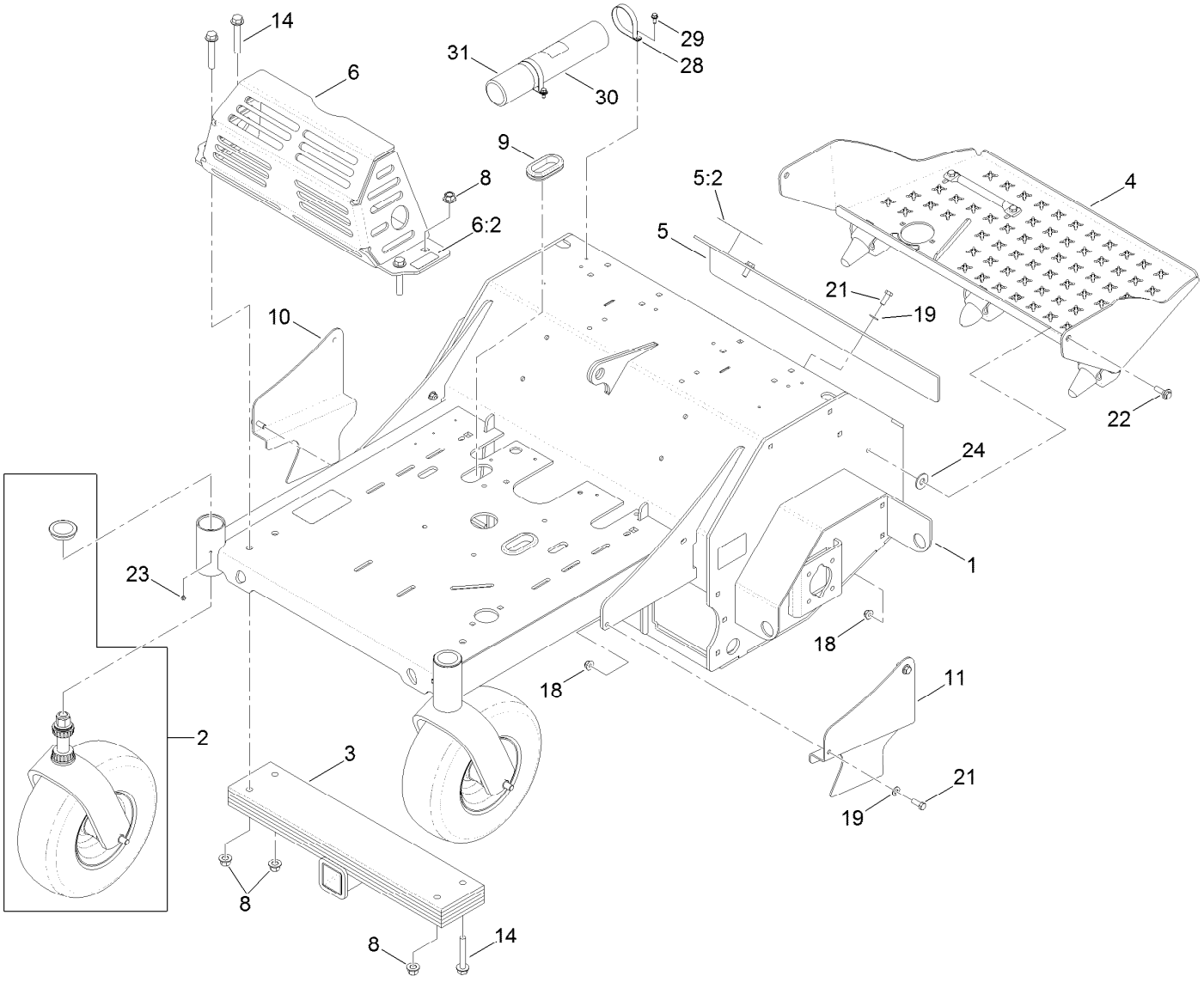
Main Frame Assembly

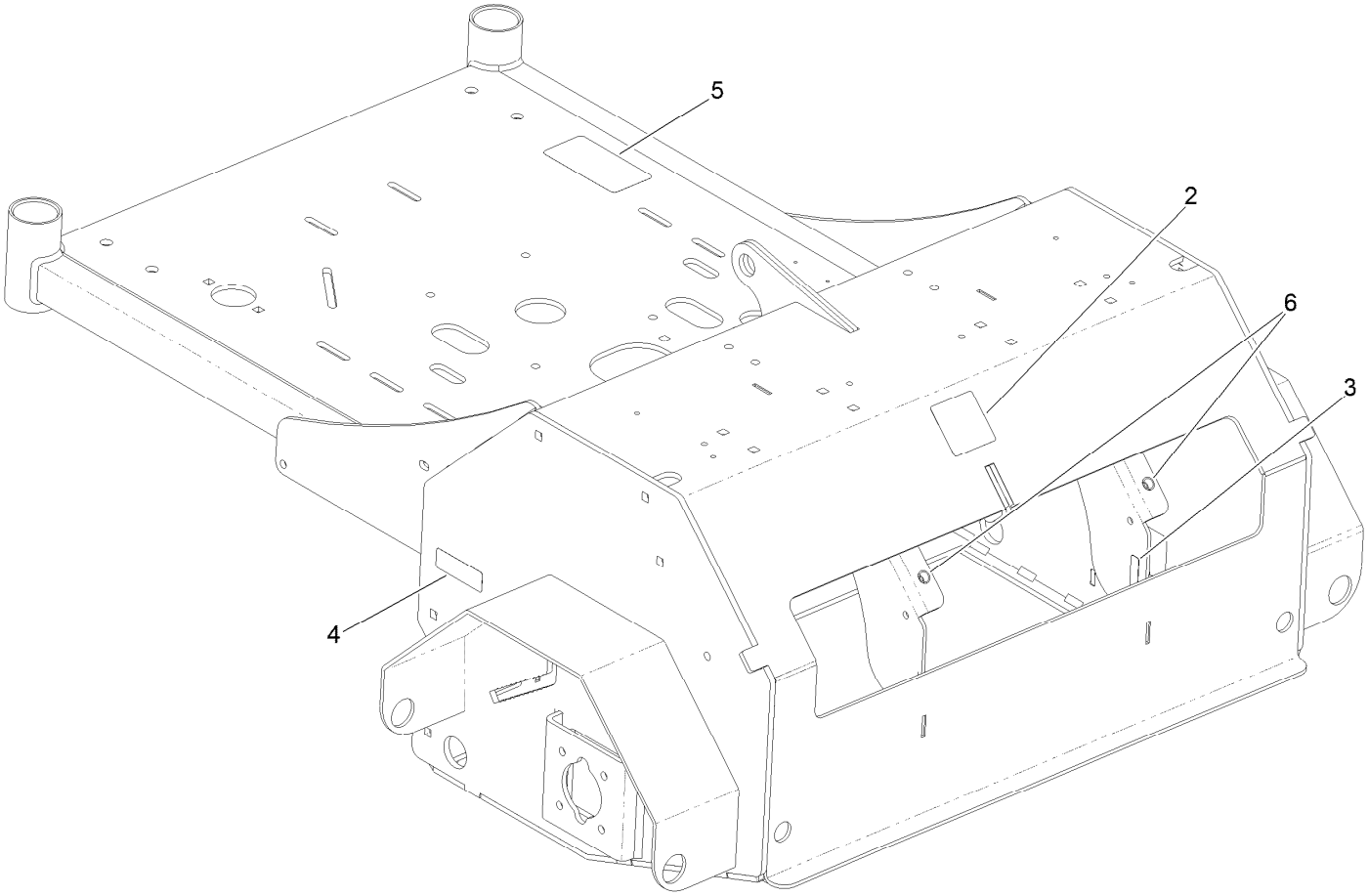


Main Frame Assembly (continued)

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
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

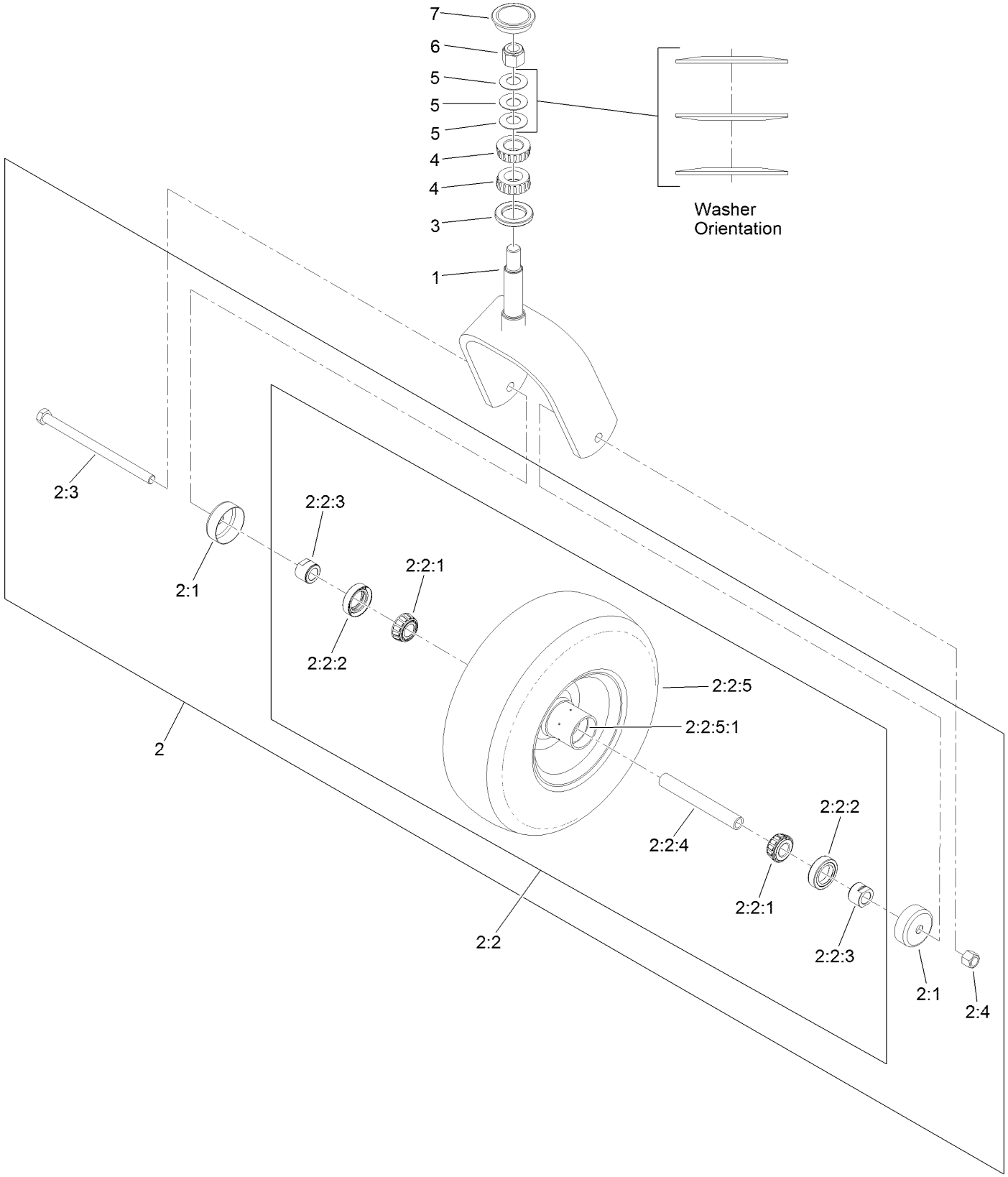
Main Frame Decal Assembly No. 116-8138



Main Frame Decal Assembly No. 116-8138 (continued)

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

Caster Wheel and Fork Assembly

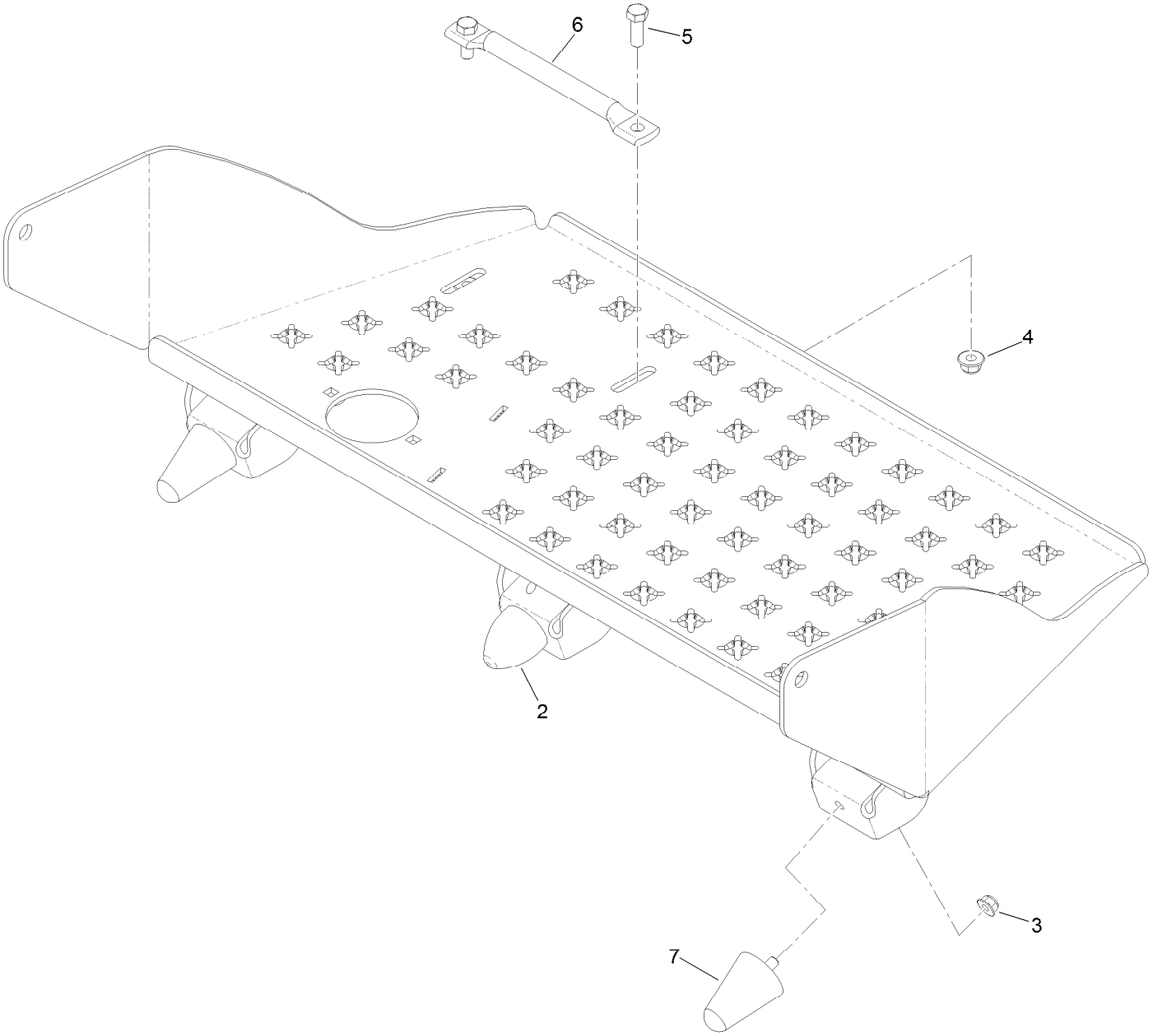


Caster Wheel and Fork Assembly (continued)

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 ●
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

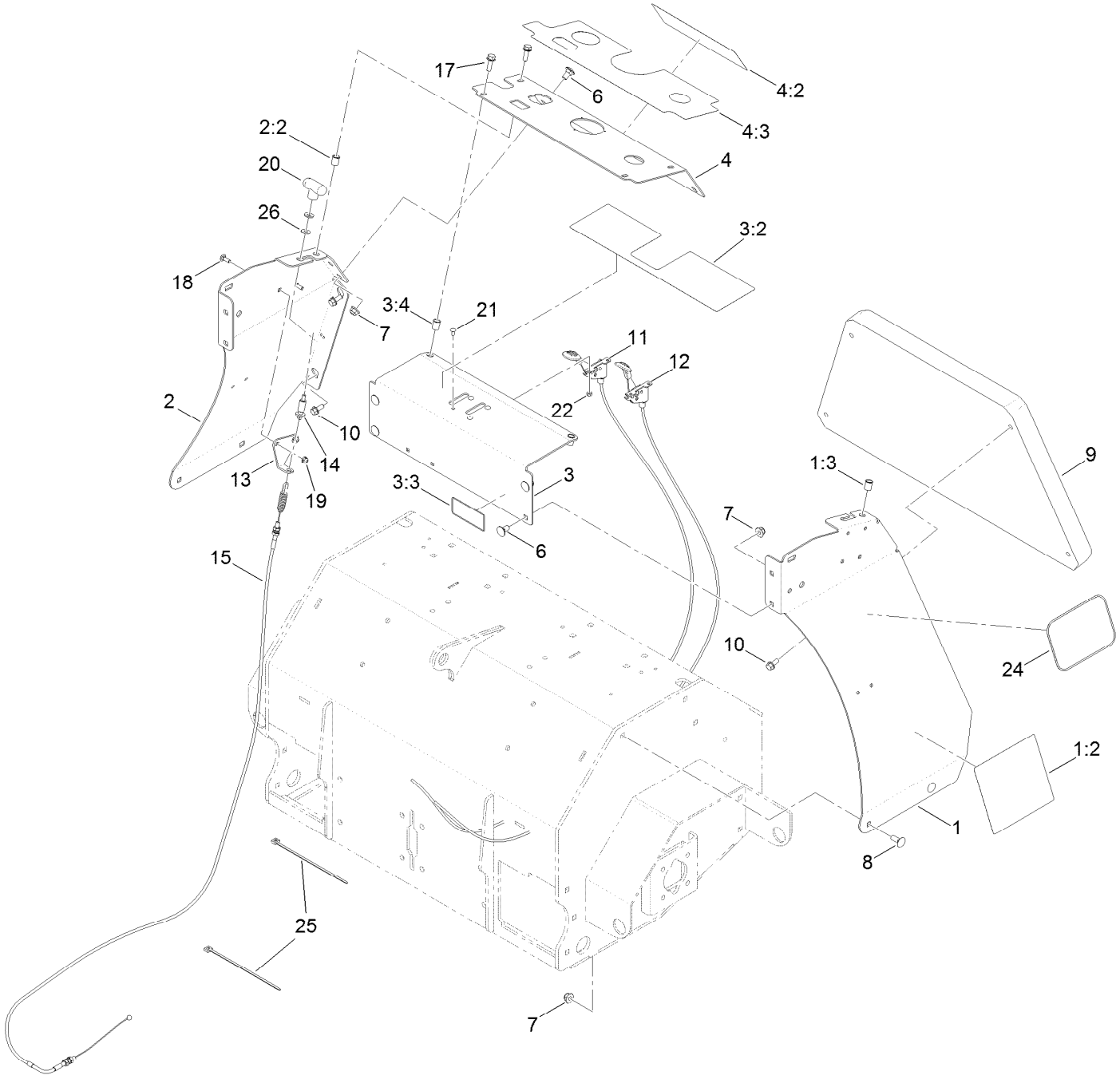
Platform Assembly No. 116-9135



Platform Assembly No. 116-9135 (continued)

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

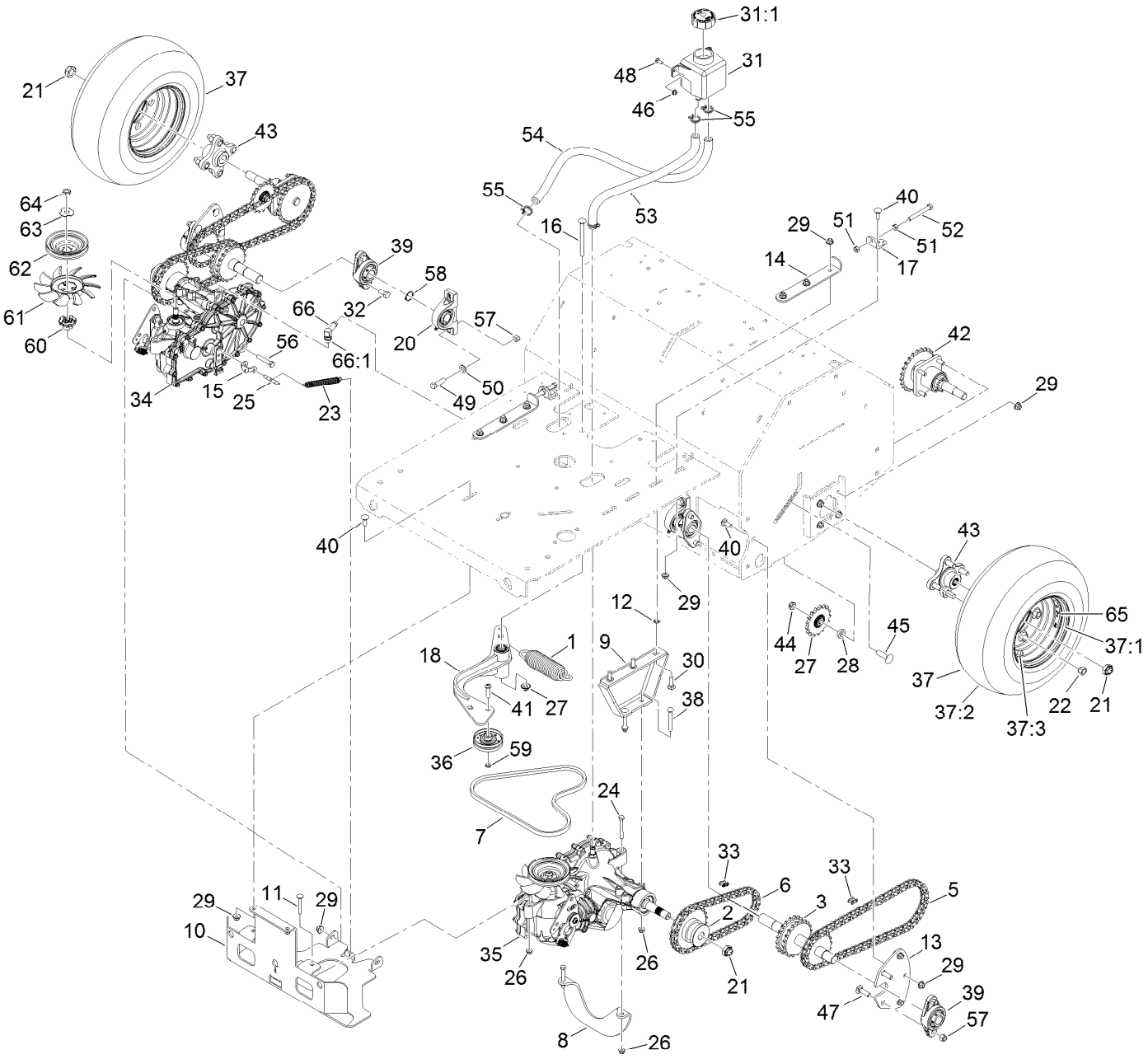
Tower Assembly



Tower Assembly (continued)

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	126-3136	1	Plate W/Decal 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
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

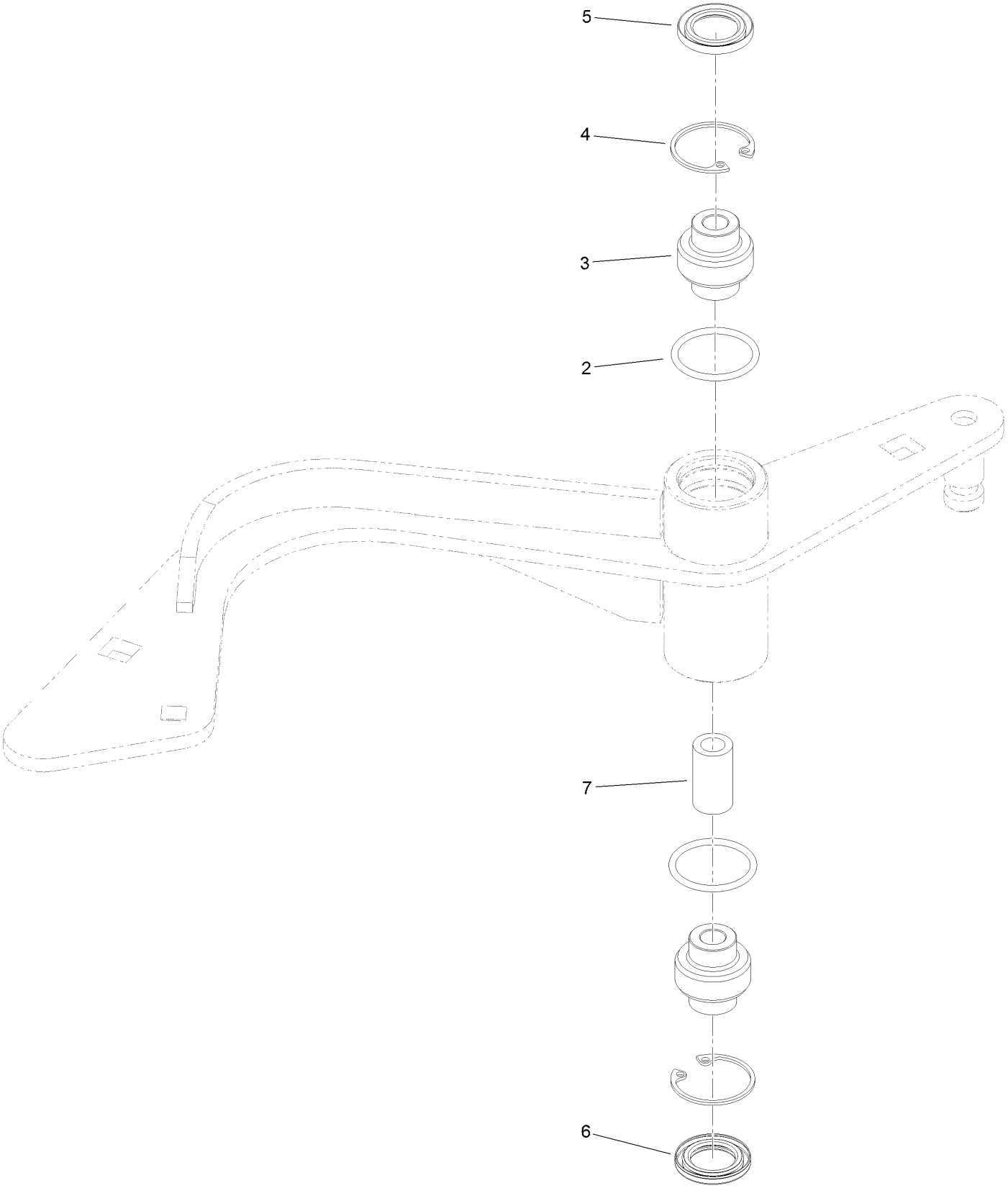
Ground Drive Assembly



Ground Drive Assembly (continued)

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-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
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	27	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)
36	116-9715	1	Pulley-Idler
37	116-6932	2	Tire ASM
37:1	116-6977	1	Rim
37:2	116-6978	1	Tire
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
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
65	126-2054	2	Decal-Torque Wheel Lug-Hub
66	109-6449	1	Fitting-Elbow, 90
66:1	237-42	1	O-Ring

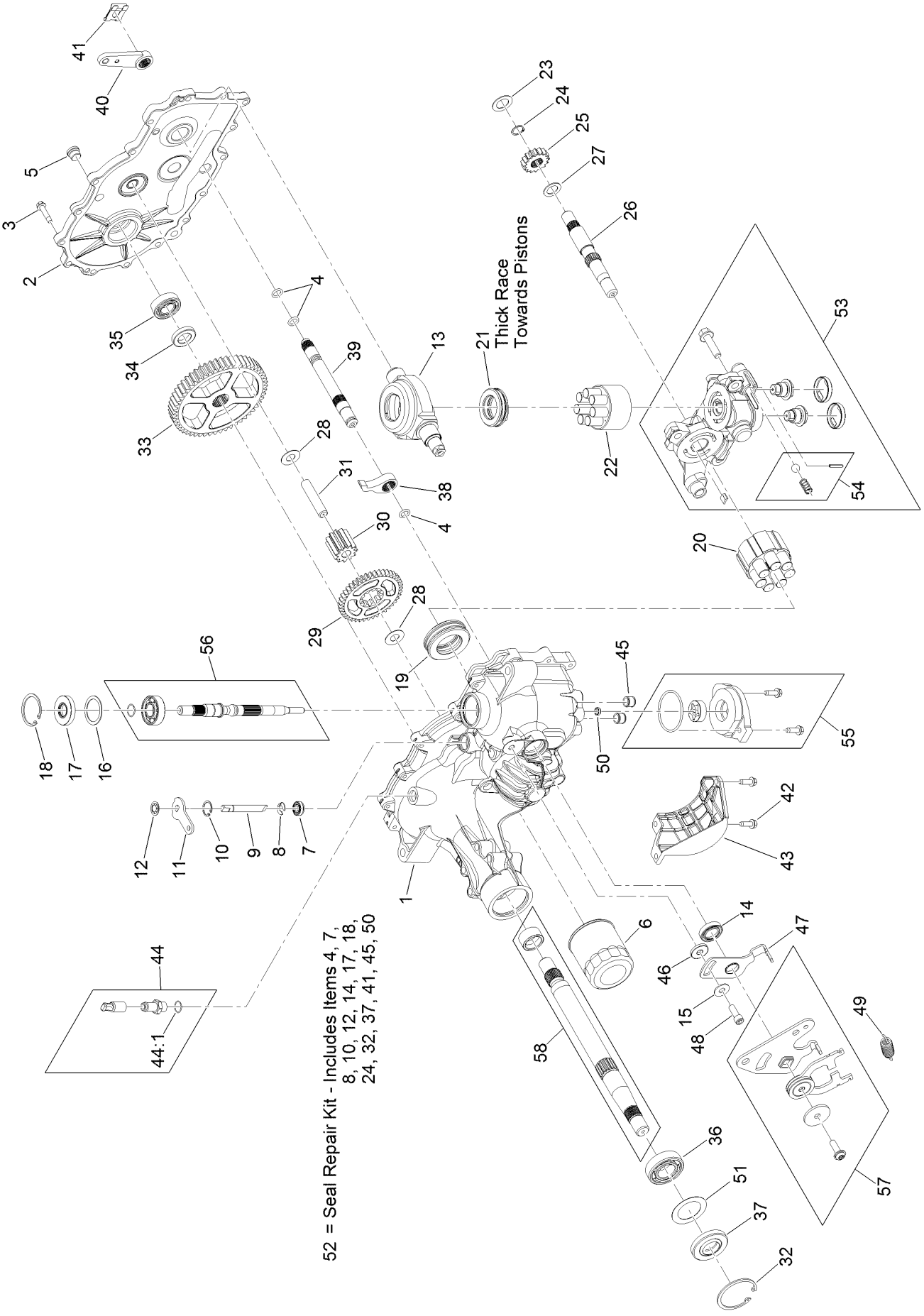
Idler Arm Assembly No. 116-9307



Idler Arm Assembly No. 116-9307 (continued)

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

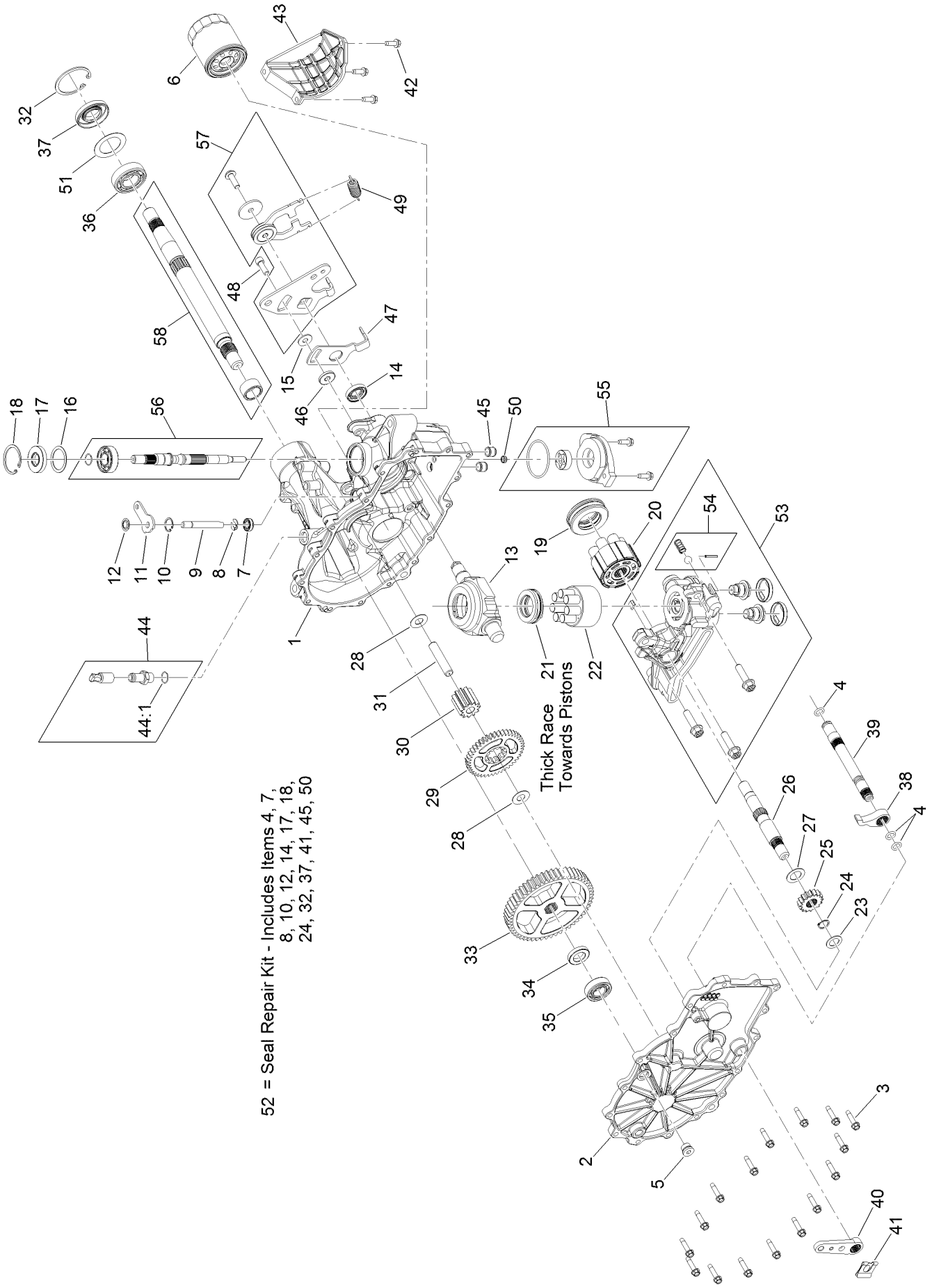
RH Transaxle Assembly No. 116-9712



RH Transaxle Assembly No. 116-9712 (continued)

Ref.	Part Number	Qty.	Description
1	114-1676	1	Main Housing Kit
2	117-5358	1	Housing Side Kit
3	117-5359	16	Screw-HHF
4	114-1678	4	O-Ring
5	104-2189	1	Plug-Thread, Straight
6	109-3321	1	Element-Oil Filter, HYD
7	106-8676	1	Seal-Lip
8	106-8677	1	Ring-Retaining, EXT
9	114-1685	1	Rod-Bypass
10	106-8679	1	Ring-Retaining, Int
11	106-8680	1	Arm-Bypass
12	106-8681	1	Ring-Retaining, EXT
13	104-5304	1	Swashplate-Trunnion
14	104-5313	1	Seal-Lip
15	114-8491	1	Washer
16	104-5308	1	Spacer
17	104-5310	1	Seal-Lip
18	104-5309	1	Ring-Retaining
19	109-2865	1	Bearing-Thrust
20	114-1689	1	Motor Cylinder Block Kit
21	94-6922	1	Bearing-Thrust
22	110-8561	1	Pump Block ASM
23	104-5339	1	Washer-Flat
24	104-5340	1	Ring-Retaining
25	126-0788	1	Gear-16T
26	114-1691	1	Shaft-Motor
27	104-5360	1	Washer
28	94-1933	2	Washer
29	125-0000	1	Gear-43T
30	120-7974	1	Gear-11T
31	104-5329	1	Pin-Jackshaft
32	104-2169	1	Ring-Retaining
33	114-1694	1	Gear-54T
34	120-7975	1	Spacer
35	126-0789	1	Bearing-Ball
36	120-7976	1	Bearing-Ball
37	104-2144	1	Seal
38	114-1697	1	Pawl-Brake
39	114-1698	1	Shaft-Brake, Inboard
40	125-0021	1	Handle-Brake
41	131-0906	1	Ring-Retaining, EXT
42	104-2120	3	Screw
43	120-7981	1	Guard-Filter, RH
44	109-3278	1	Adapter-Straight
44:1	237-42	1	O-Ring
45	126-3251	2	Tube-Charge
46	114-8458	1	Spacer
47	114-8459	1	Arm-Neutral, Right
48	106-8682	1	Screw-Sh
49	115-8307	1	Spring-Extension
50	131-0908	1	Seal-Gerotor
51	121-5745	1	Spacer
52	109-3537	1	Seal Kit
53	120-7982	1	RH Center Section Charge Kit
54	114-8464	1	Charge Relief Kit
55	114-8465	1	Charge Kit
56	117-5361	1	Input Shaft Kit
57	126-2291	1	Control Arm Kit
58	114-8470	1	Axle Shaft Kit

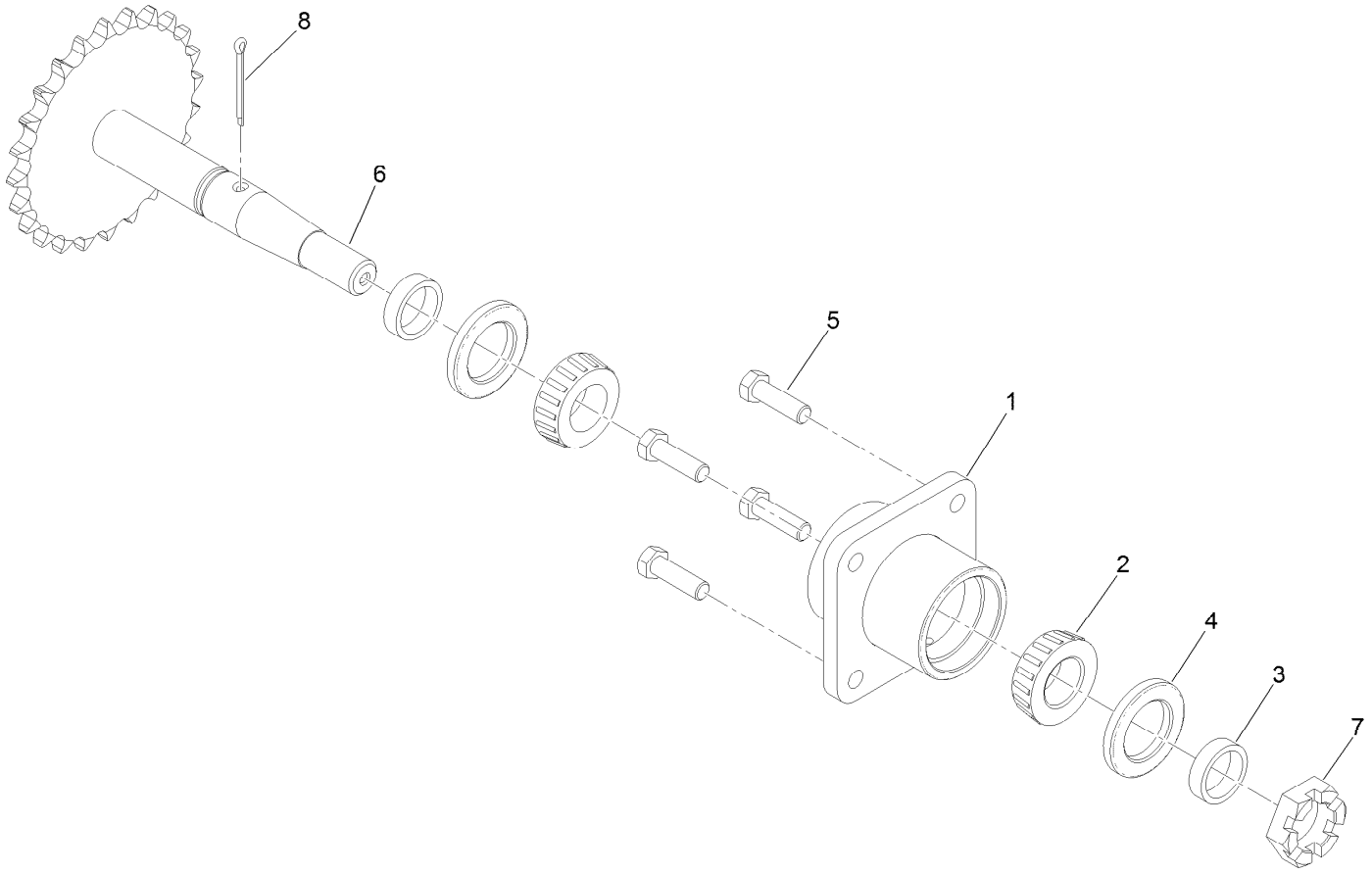
LH Transaxle Assembly No. 116-9713



LH Transaxle Assembly No. 116-9713 (continued)

Ref.	Part Number	Qty.	Description
1	114-8471	1	Main Housing Kit
2	114-8472	1	Side Cover Kit
3	117-5359	16	Screw-HHF
4	114-1678	4	O-Ring
5	104-2189	1	Plug-Thread, Straight
6	109-3321	1	Element-Oil Filter, HYD
7	106-8676	1	Seal-Lip
8	106-8677	1	Ring-Retaining, EXT
9	114-1685	1	Rod-Bypass
10	106-8679	1	Ring-Retaining, Int
11	106-8680	1	Arm-Bypass
12	106-8681	1	Ring-Retaining, EXT
13	104-5304	1	Swashplate-Trunnion
14	104-5313	1	Seal-Lip
15	114-8491	1	Washer
16	104-5308	1	Spacer
17	104-5310	1	Seal-Lip
18	104-5309	1	Ring-Retaining
19	109-2865	1	Bearing-Thrust
20	114-1689	1	Motor Cylinder Block Kit
21	94-6922	1	Bearing-Thrust
22	110-8561	1	Pump Block ASM
23	104-5339	1	Washer-Flat
24	104-5340	1	Ring-Retaining
25	126-0788	1	Gear-16T
26	114-1691	1	Shaft-Motor
27	104-5360	1	Washer
28	94-1933	2	Washer
29	125-0000	1	Gear-43T
30	120-7974	1	Gear-11T
31	104-5329	1	Pin-Jackshaft
32	104-2169	1	Ring-Retaining
33	114-1694	1	Gear-54T
34	120-7975	1	Spacer
35	126-0789	1	Bearing-Ball
36	120-7976	1	Bearing-Ball
37	104-2144	1	Seal
38	114-1697	1	Pawl-Brake
39	114-1698	1	Shaft-Brake, Inboard
40	125-0021	1	Handle-Brake
41	131-0906	1	Ring-Retaining, EXT
42	104-2120	3	Screw
43	120-7981	1	Guard-Filter, RH
44	109-3278	1	Adapter-Straight
44:1	237-42	1	O-Ring
45	114-8455	2	Tube-Connecting
46	114-8458	1	Spacer
47	114-8474	1	Arm-Neutral, Left
48	106-8682	1	Screw-Sh
49	115-8307	1	Spring-Extension
50	131-0908	1	Seal-Gerotor
51	121-5745	1	Spacer
52	109-3537	1	Seal Kit
53	120-7980	1	LH Center Section Charge Kit
54	114-8464	1	Charge Relief Kit
55	114-8465	1	Charge Kit
56	117-5361	1	Input Shaft Kit
57	126-0790	1	Control Arm Kit
58	114-8470	1	Axle Shaft Kit

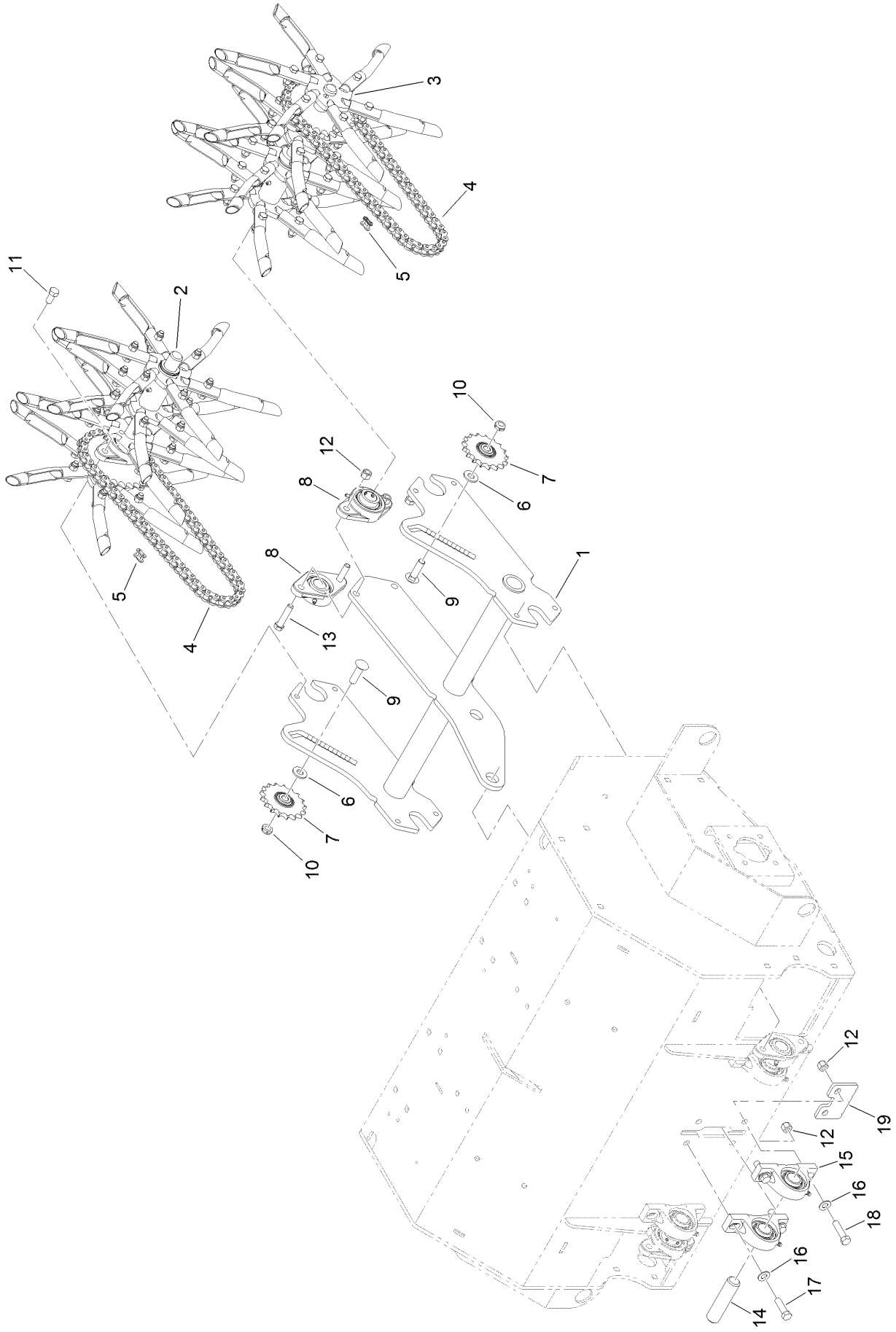
Axle and Bearing Assembly No. 116-9545



Axle and Bearing Assembly No. 116-9545 (continued)

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	126-0459	1	Axle
7	99-3139	1	Nut
8	1-806800	1	Pin-Cotter

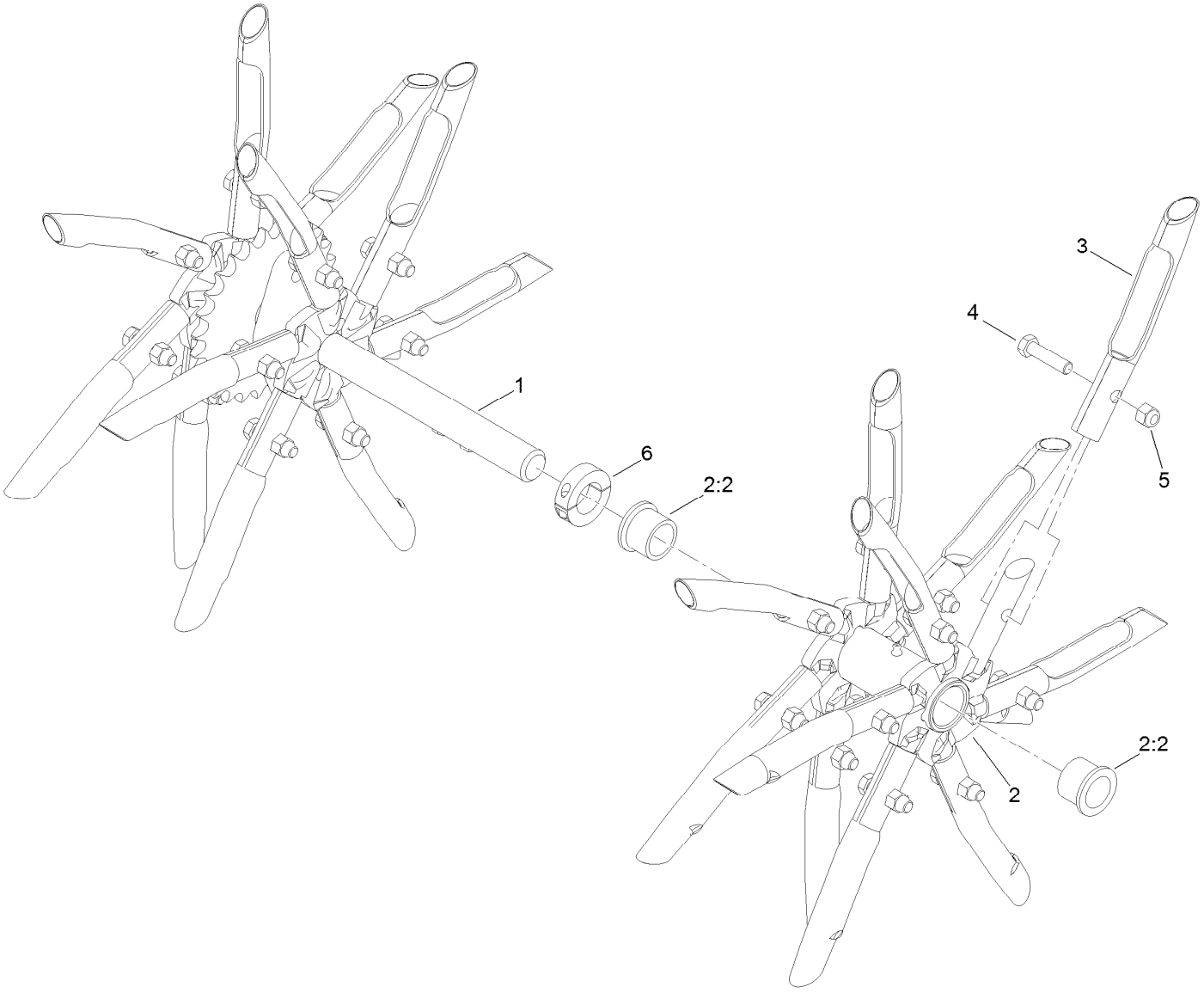
Tine Assembly



Tine Assembly (continued)

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-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

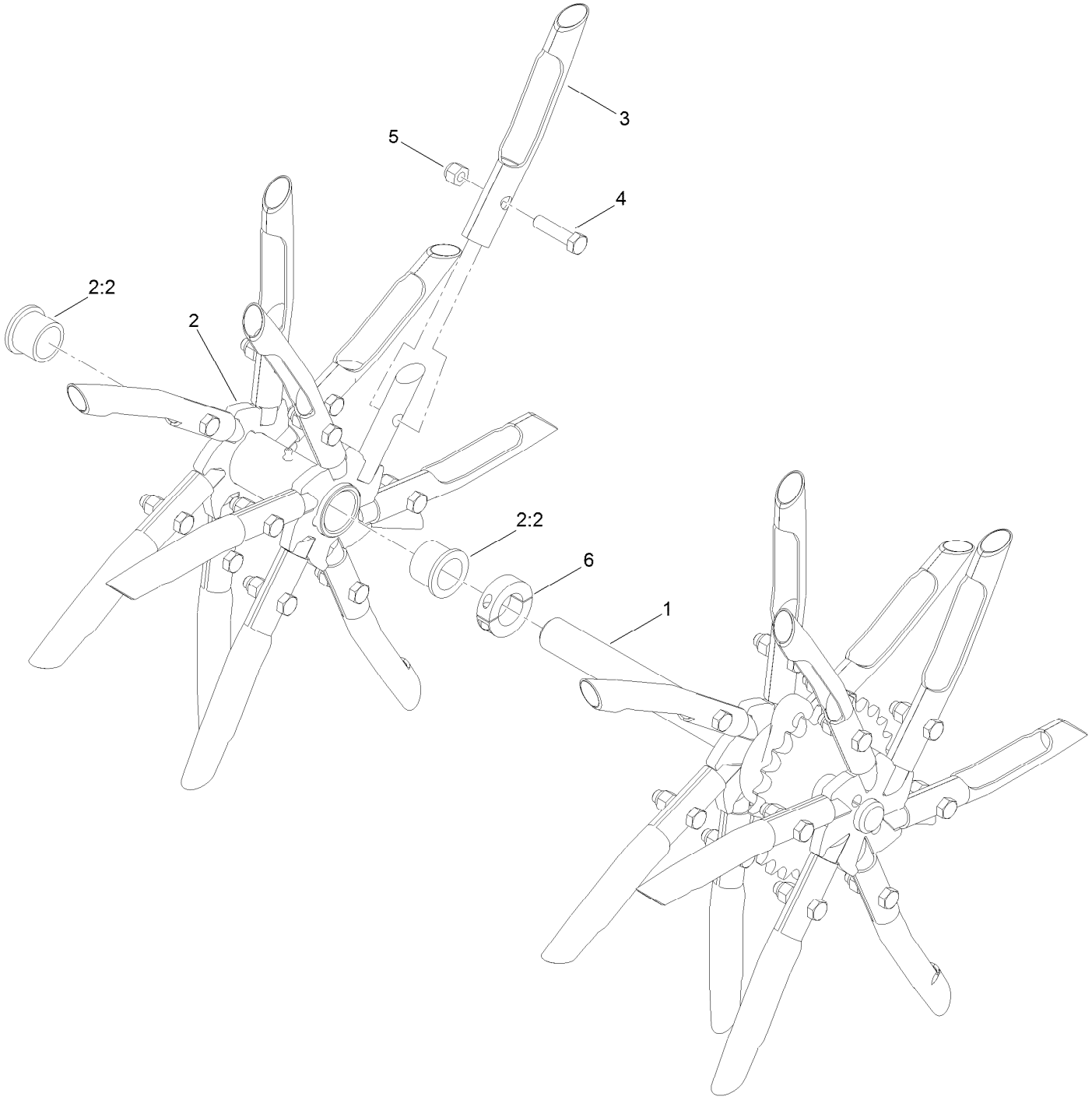
RH Tine Wheel Assembly No. 116-6738



RH Tine Wheel Assembly No. 116-6738 (continued)

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
5	3296-39	24	Nut-Lock, NI
6	116-7271	1	Collar-Locking

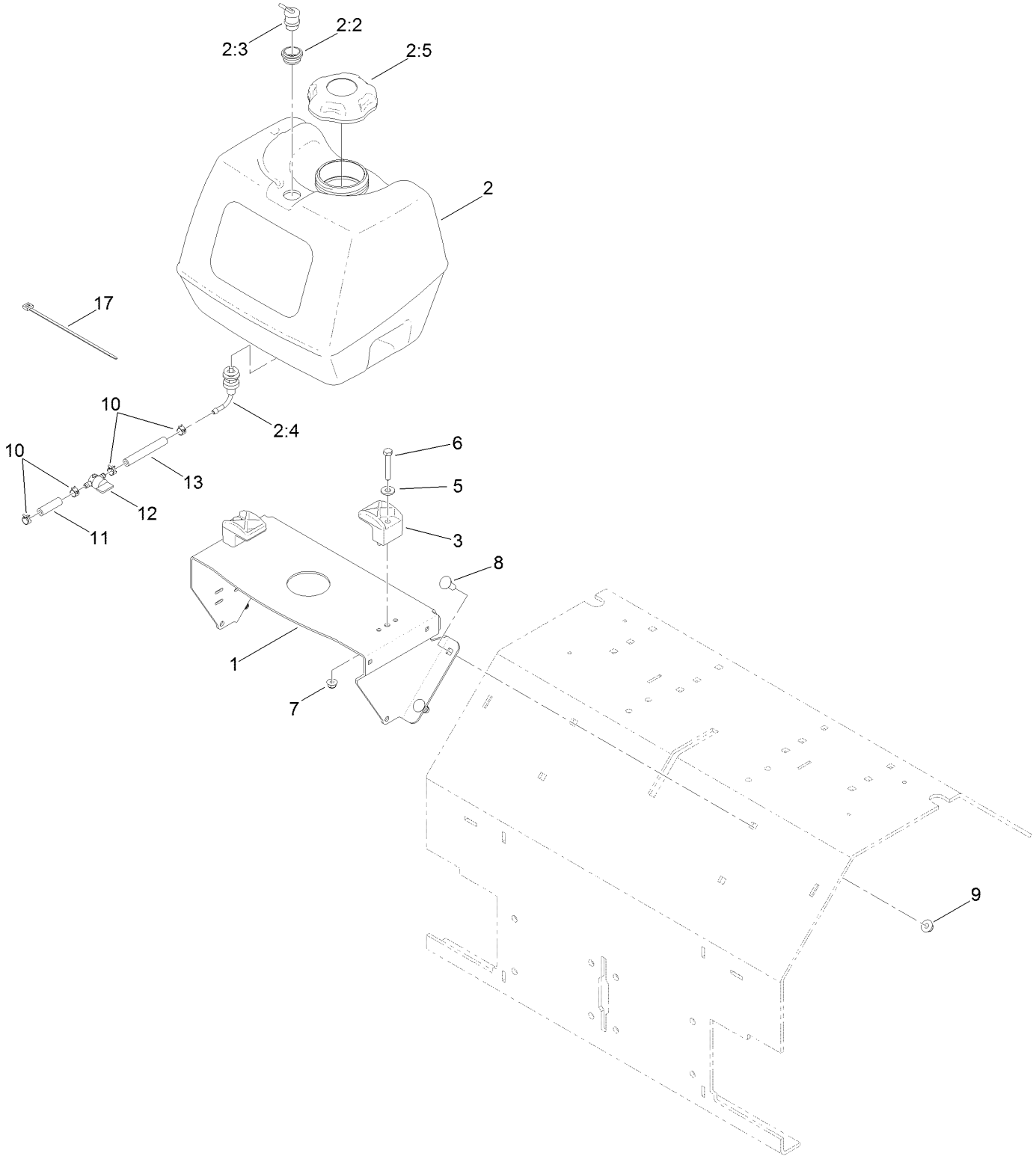
LH Tine Wheel Assembly No. 116-6739



LH Tine Wheel Assembly No. 116-6739 (continued)

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
5	3296-39	24	Nut-Lock, NI
6	116-7271	1	Collar-Locking

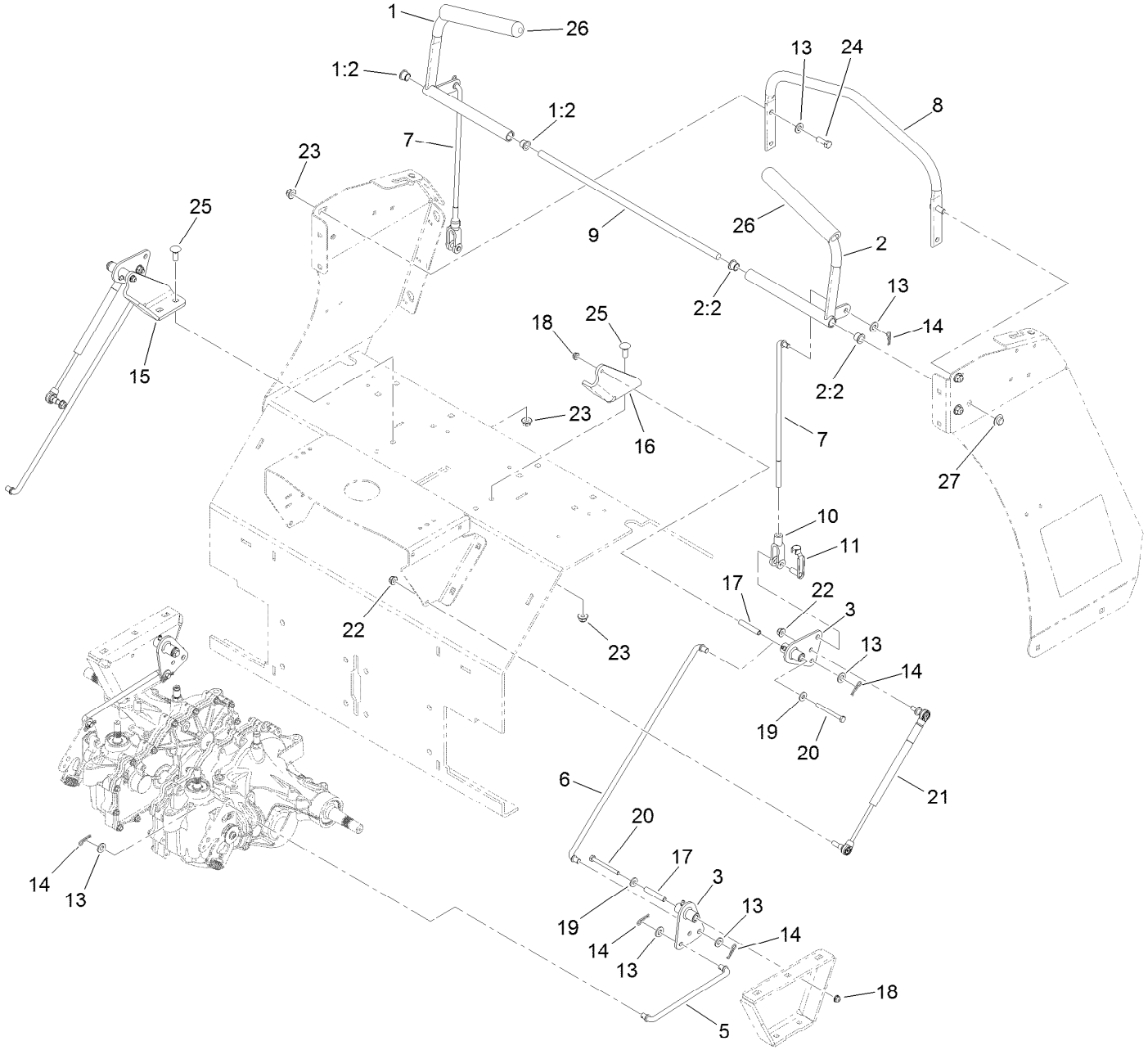
Fuel Assembly



Fuel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	116-9541-01	1	Support-Tank, Fuel
2	126-1526	1	Fuel Tank ASM
2:2	114-0284	1	Grommet
2:3	119-3547	1	Valve-Vent, Fuel
2:4	103-2605	1	Fitting-Fuel, Bulkhead
2:5	120-5461	1	Cap-Fuel, Ratcheting
3	107-4543	2	Clamp
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
17	1-303335	3	Tie-Plastic

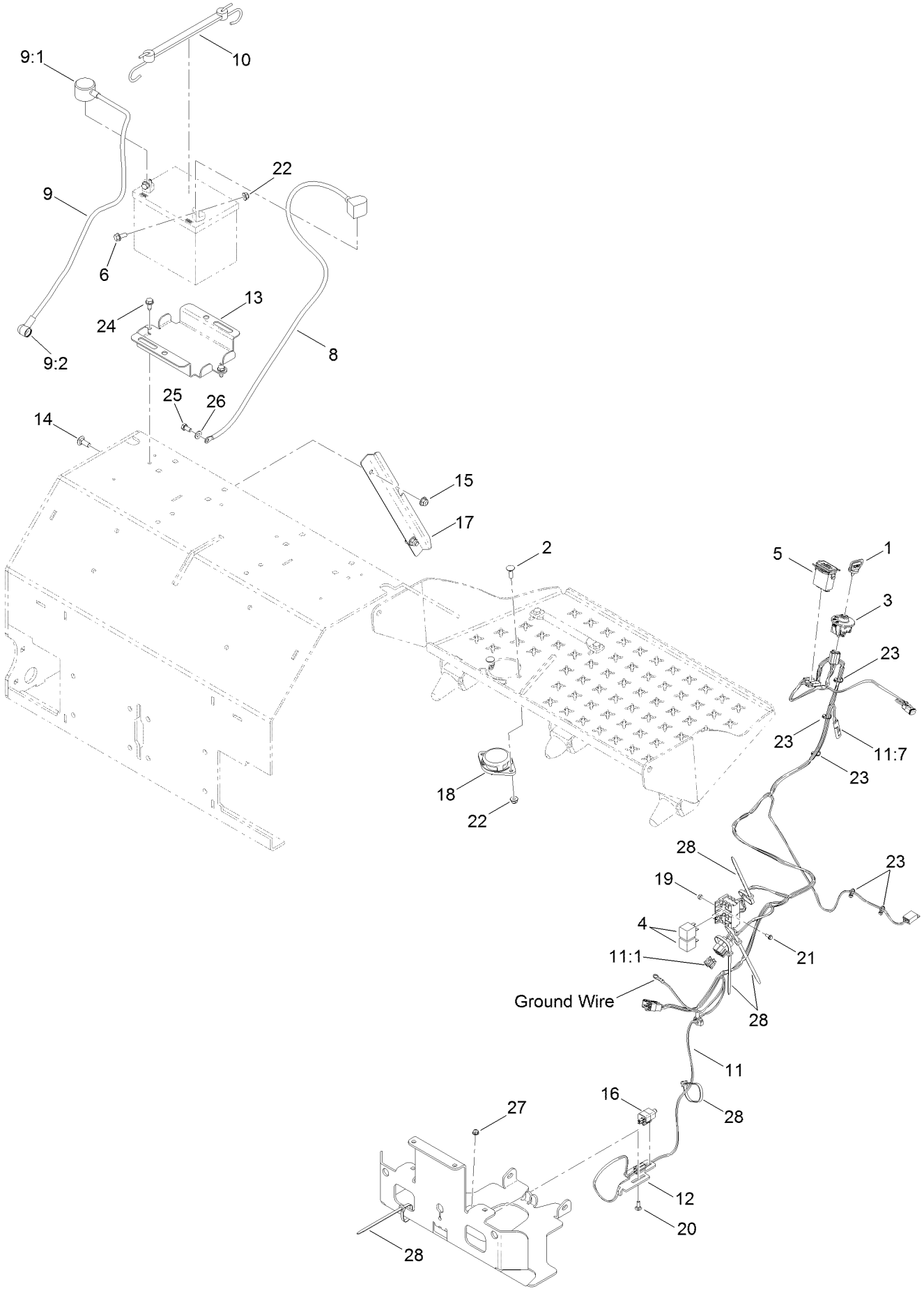
Motion Control Assembly



Motion Control Assembly (continued)

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
13	3256-24	14	Washer
14	1-806003	10	Hairpin-Cotter
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
19	3256-2	4	Washer
20	321-14	4	Screw-HH
21	116-0027	2	Damper-Control, Motion
22	104-8300	4	Nut-Nyloc
23	104-8301	8	Nut-Nyloc
24	323-6	4	Screw-HH
25	3231-2	4	Bolt-Carriage
26	103-8153	2	Grip-Lever, Control
27	32112-14	2	Nut-Push

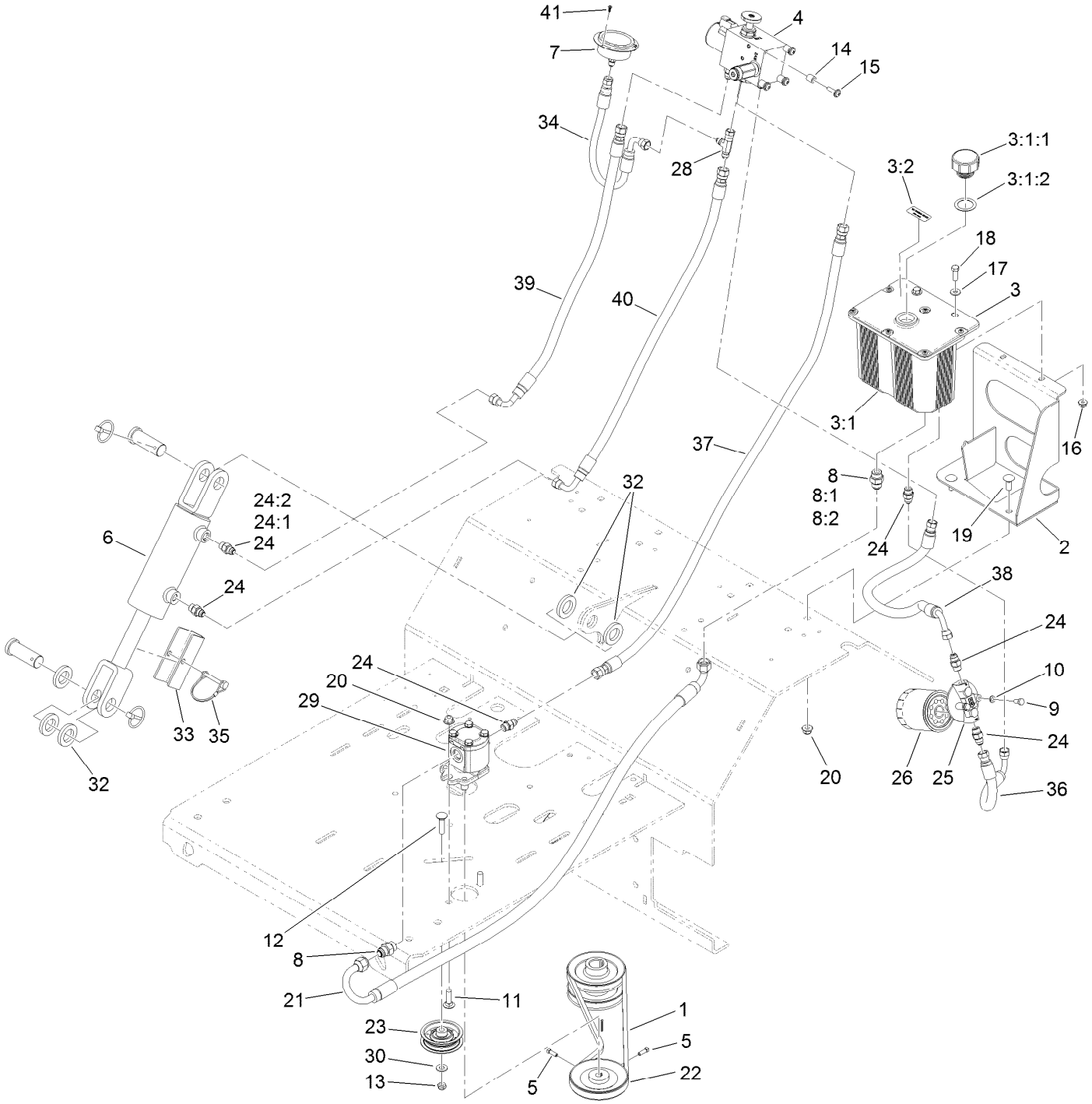
Electrical Assembly



Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-603511	1	Keys-Ignition (Spare Pair)
1	63-8360	1	Key-Ignition
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
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
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

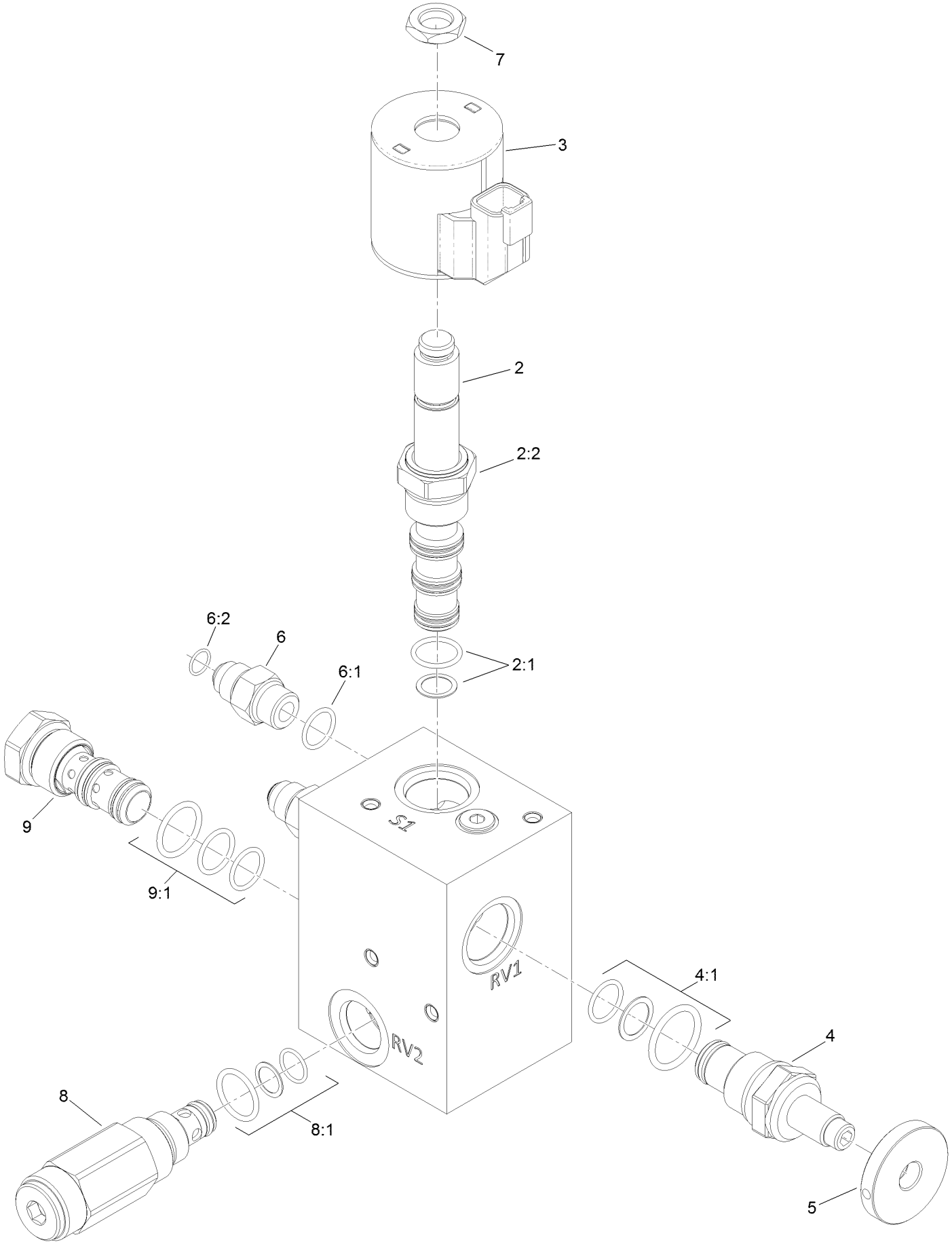


Auxiliary Hydraulic Assembly (continued)

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
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
30	3256-24	1	Washer-Flat
32	116-6781	5	Spacer
33	116-7307-01	1	Stop-Cylinder
34	116-8180	1	HYD Hp Hose ASM
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

● Not serviced separately

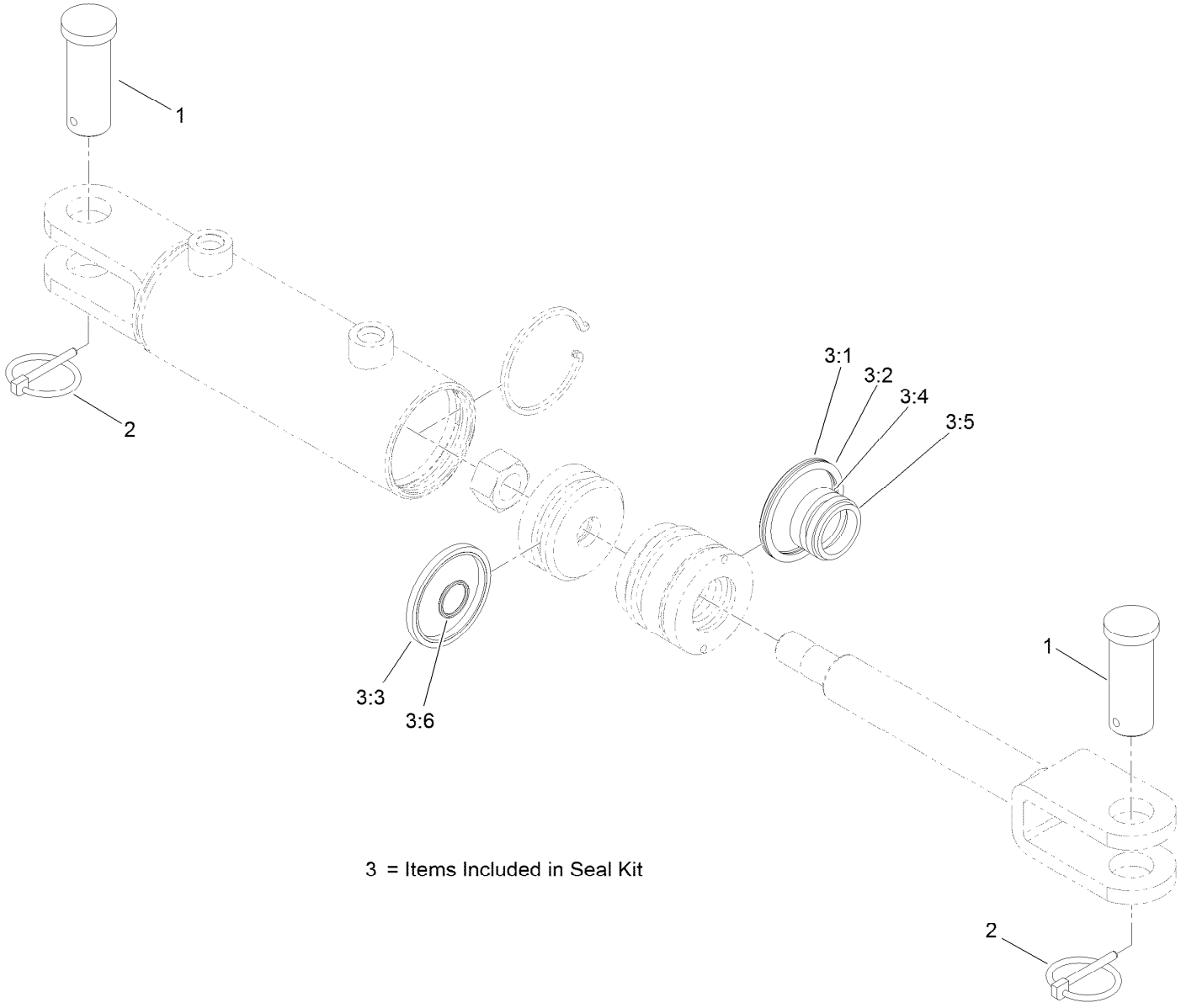
Manifold W/Check and Relief Valve
Assembly No. 116-9549



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

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	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	Seal Kit
9	116-9718	1	Valve-Check, P O
9:1	116-9719	1	Seal Kit

Hydraulic Cylinder Assembly No. 116-6969



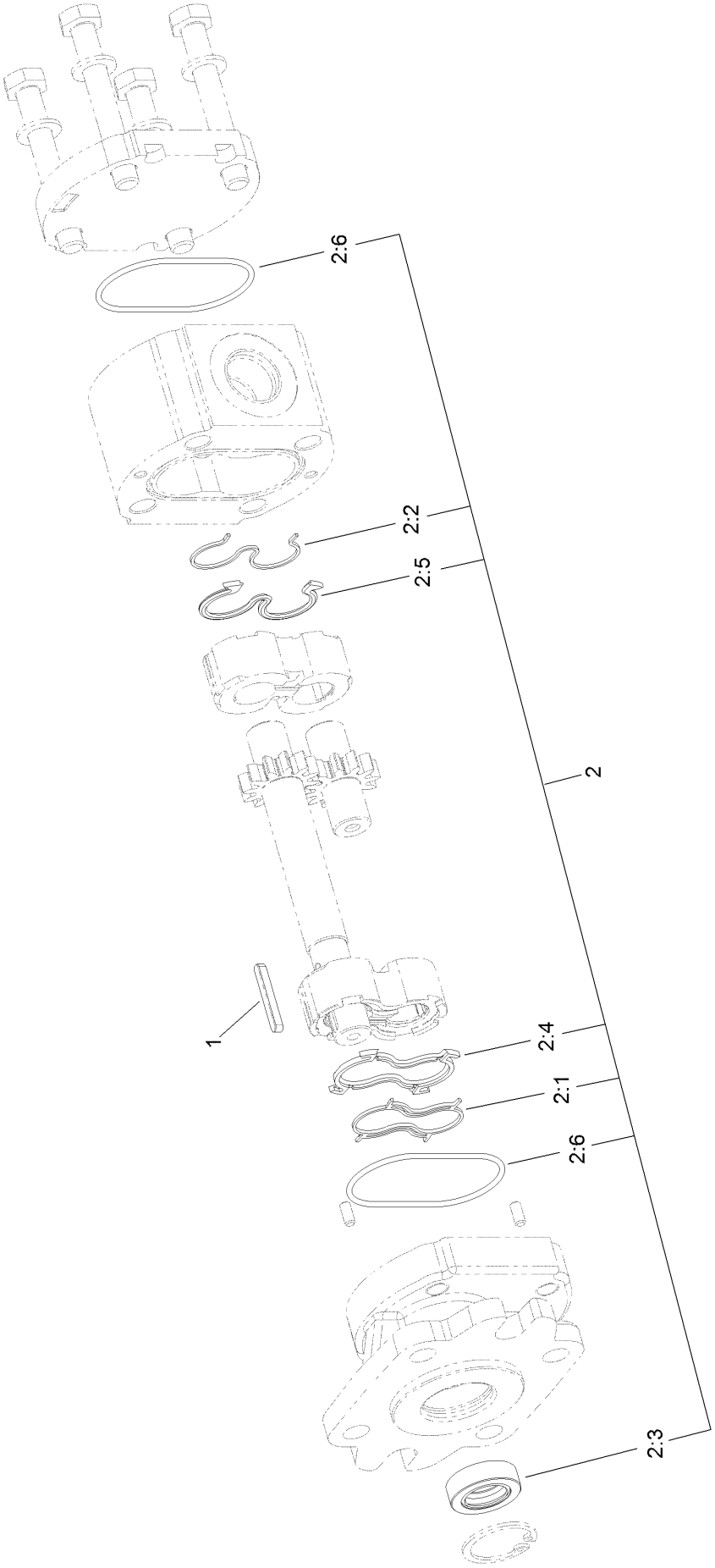
3 = Items Included in Seal Kit

Hydraulic Cylinder Assembly No. 116-6969 (continued)

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

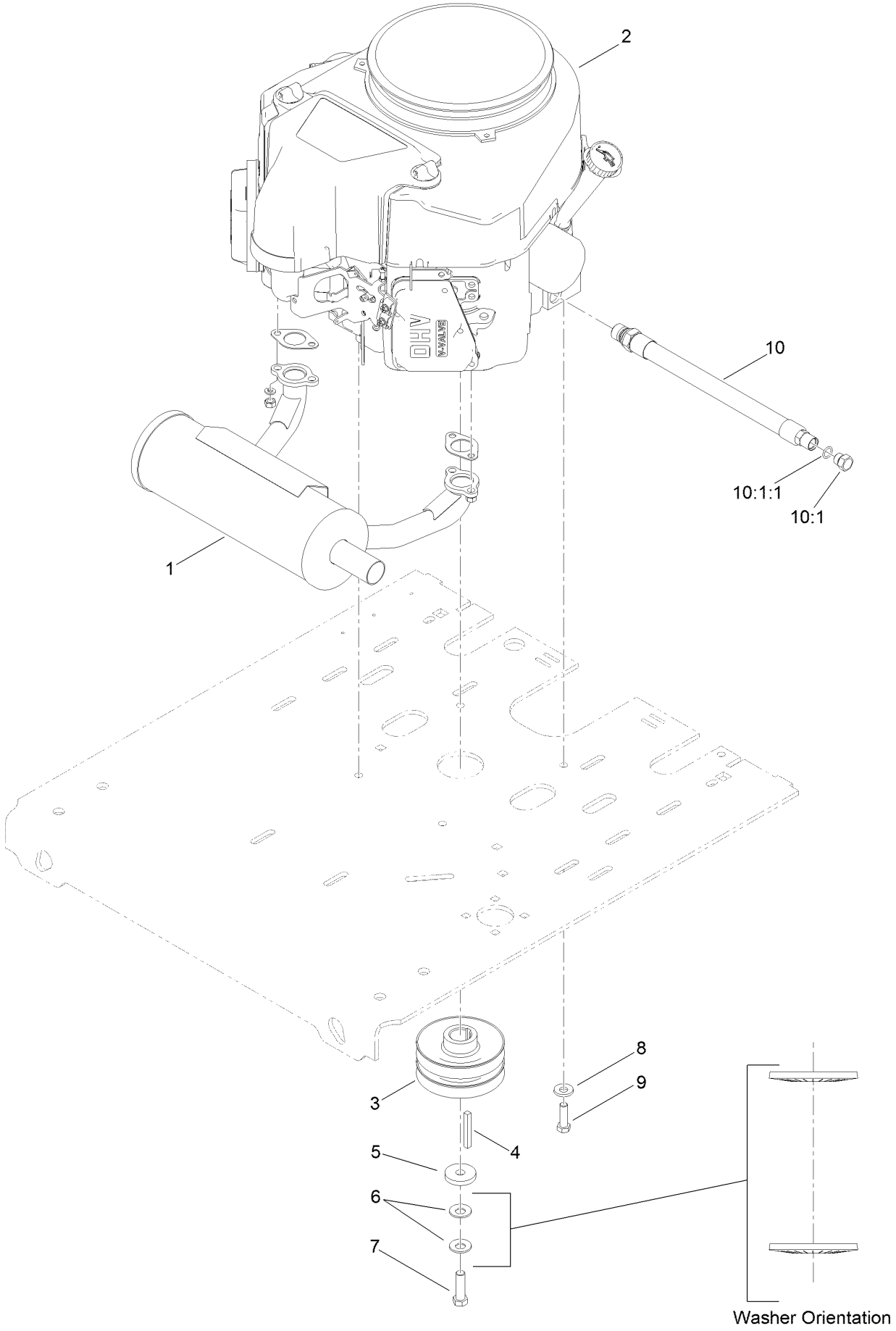


Hydraulic Pump Assembly No. 116-9129 (continued)

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		2	O-Ring ●

● Not serviced separately

Engine Assembly



Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	116-3735	1	Muffler-Horizontal
2		1	Engine-Kaw Fs481V, Es ●■
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	Screw-HH
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

■ Obtain parts from www.kawpowerepc.com

Notes:

Notes:

Count on it.