



Count on it.

Form No. 3445-908 Rev A

Parts Catalog

24in Stand-On Aerator

Model No. 29516—Serial No. 408863668 and Up



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.

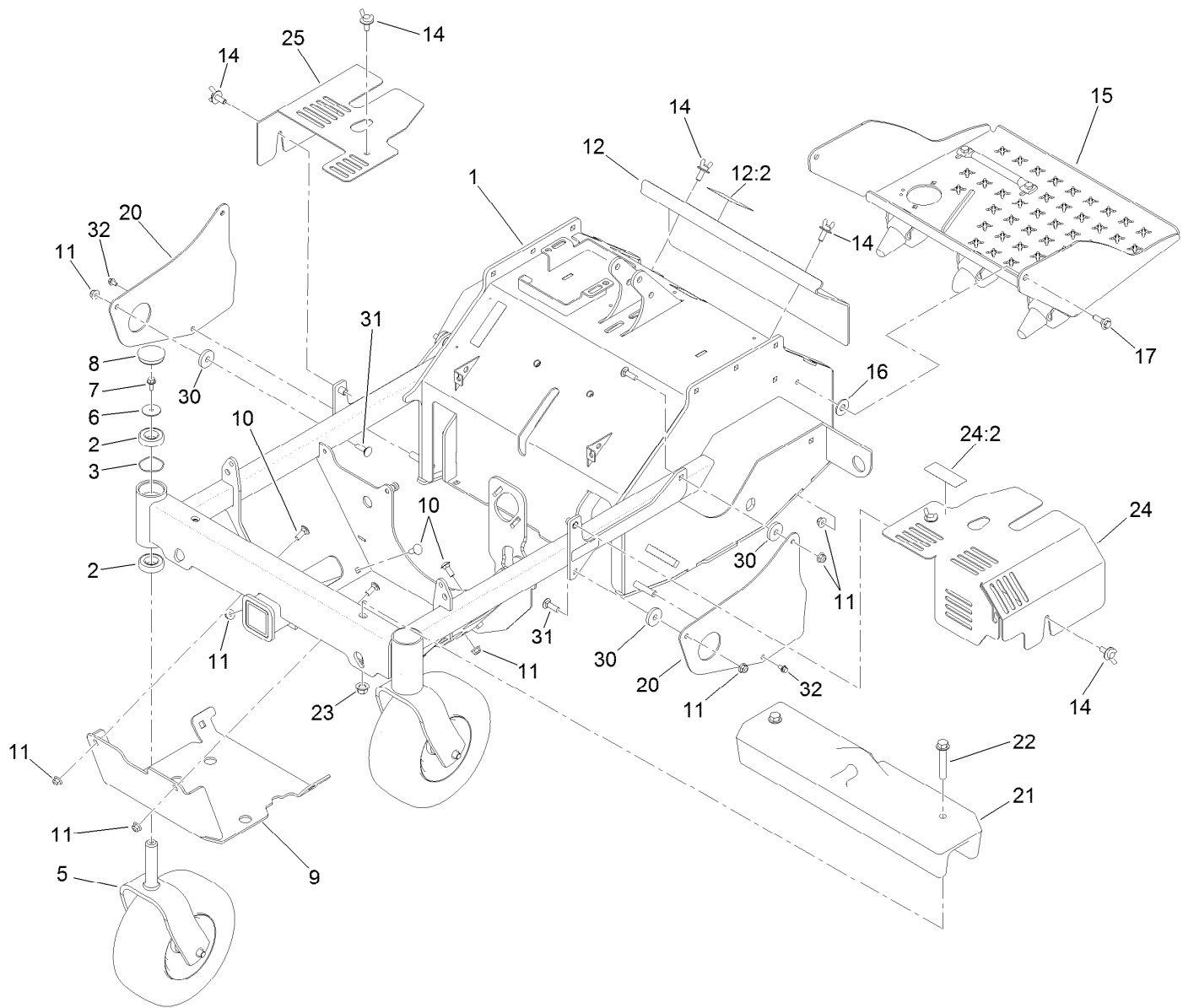
Reference Numbers Indicating Quantity

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.

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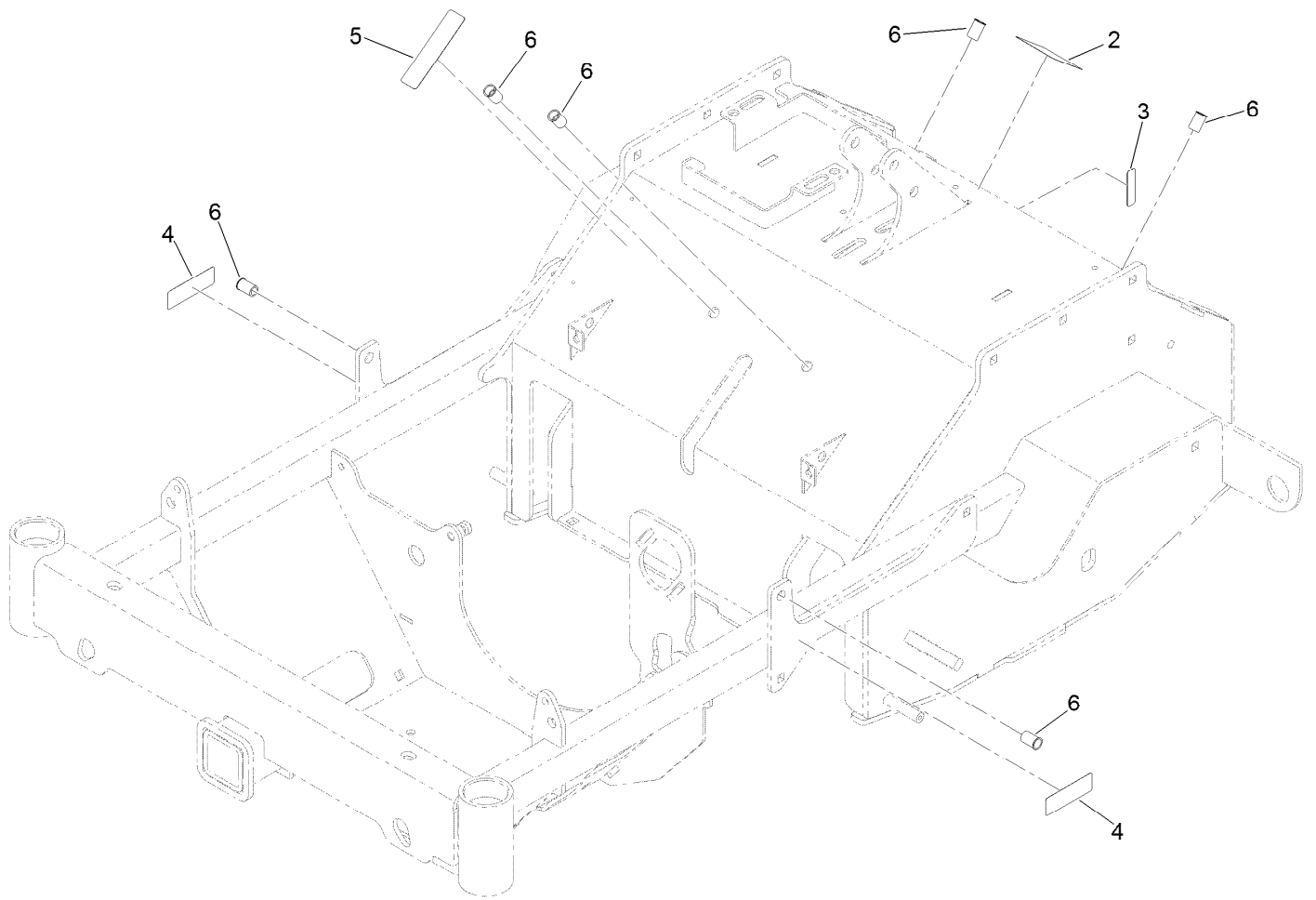


Frame Assembly

Ref.	Part Number	Qty.	Description
1	135-5236	1	Main Frame ASM
2	109-3678	4	Bearing-Ball
3	126-5897	2	Spring
5		2	Front Caster ASM ●
6	3256-68	2	Washer-Flat
7	3234-5	2	Screw-HHF
8	116-4348	2	Cap-Grease
9	126-8726-03	1	Guard-Engine
10	3231-2	4	Bolt-CARR
11	104-8301	10	Nut-HF, NI
12	126-8801	1	Access Cover ASM
12:2	121-6163	1	Decal-Operation, Tine Ground (CE)
14	135-4629	6	Screw-Sems (3/8-16 X 1)

Ref.	Part Number	Qty.	Description
15	126-9883	1	Platform ASM
16	3256-6	2	Washer-Flat
17	614672	2	Screw-Shoulder, HWH
20	135-5138-01	2	Guard-Chain
21	135-2017	1	Weight-Front
22	3234-40	2	Screw-HF
23	99-5107	2	Nut-Lock
24	135-3270	1	Hydro-Cover
24:2	135-3183	1	Decal-Release, Drive
25	135-0822-03	1	Cover-Hydro
30	1-543610	4	Washer-Clutch
31	3231-25	4	Bolt-CARR
32	3234-13	2	Screw-HHF

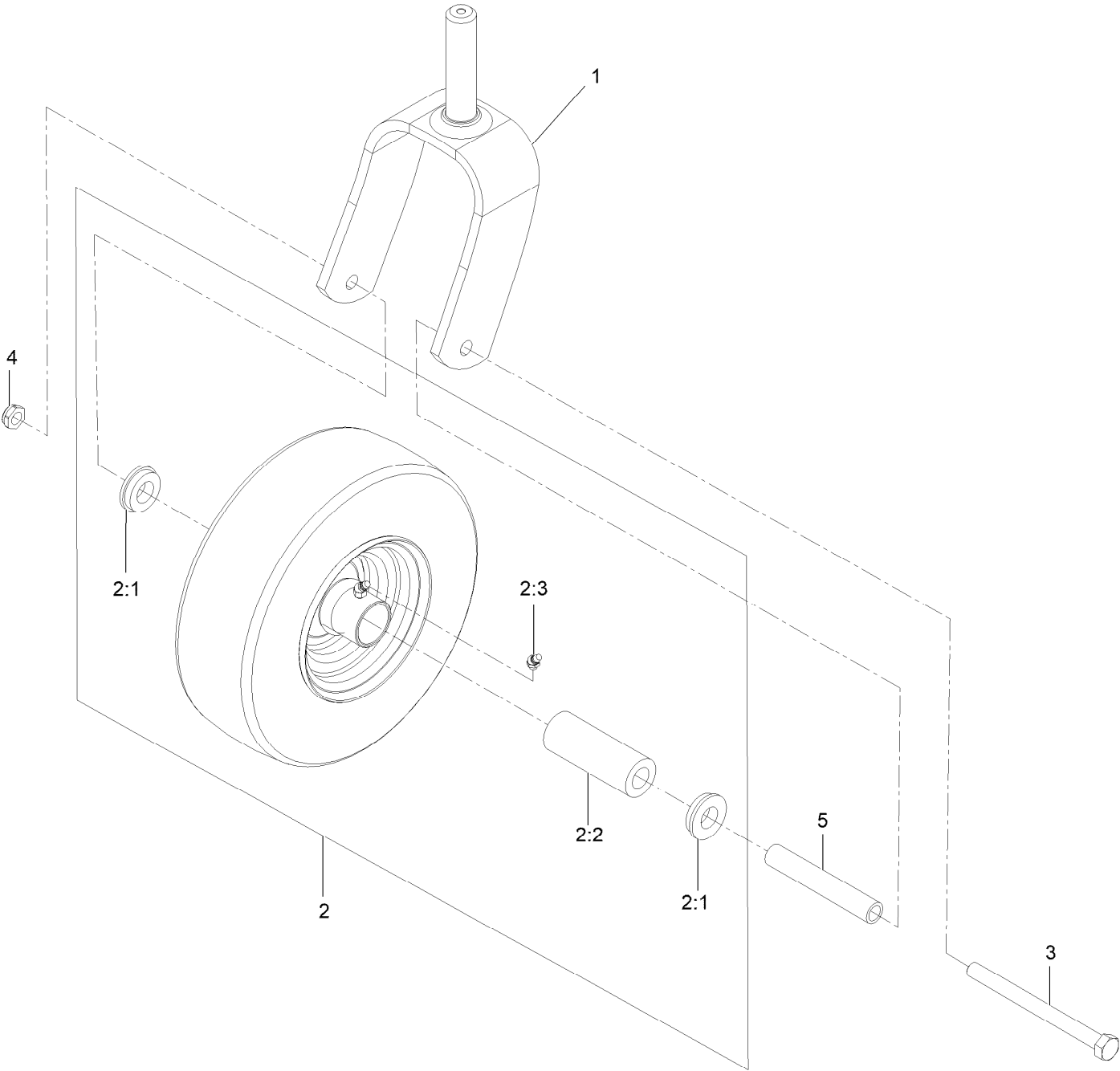
● Not serviced separately



Main Frame Assembly No. 135-5236

Ref.	Part Number	Qty.	Description
2	121-6150	1	Decal-Warning
3	120-9570	1	Decal-Warning
4	121-6161	2	Decal-Danger
5	133-8062	1	Decal-Arrestor, Spark
6	32148-10	6	Nut-Clinch

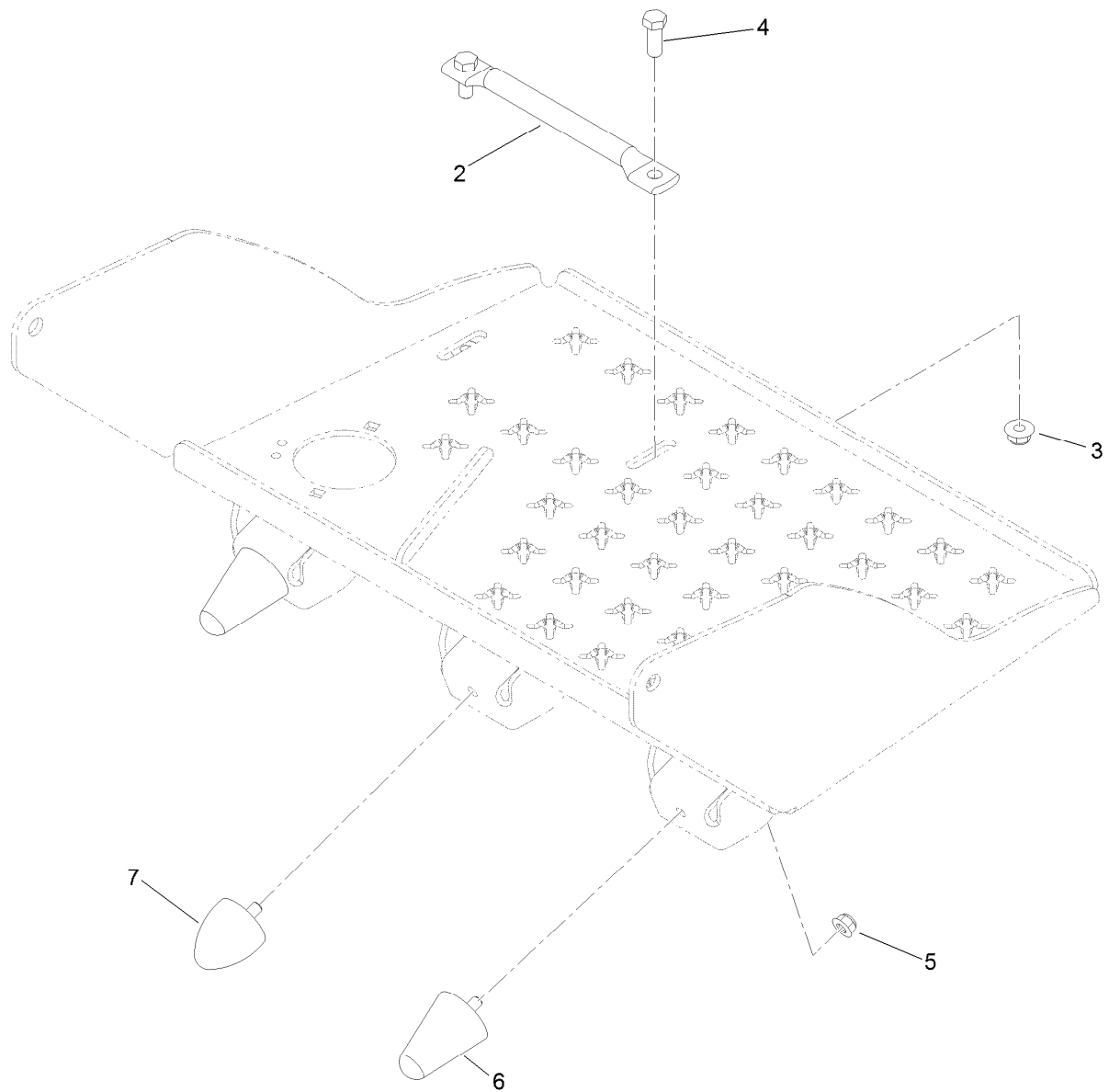
Caster Wheel Assembly



Caster Wheel Assembly (continued)

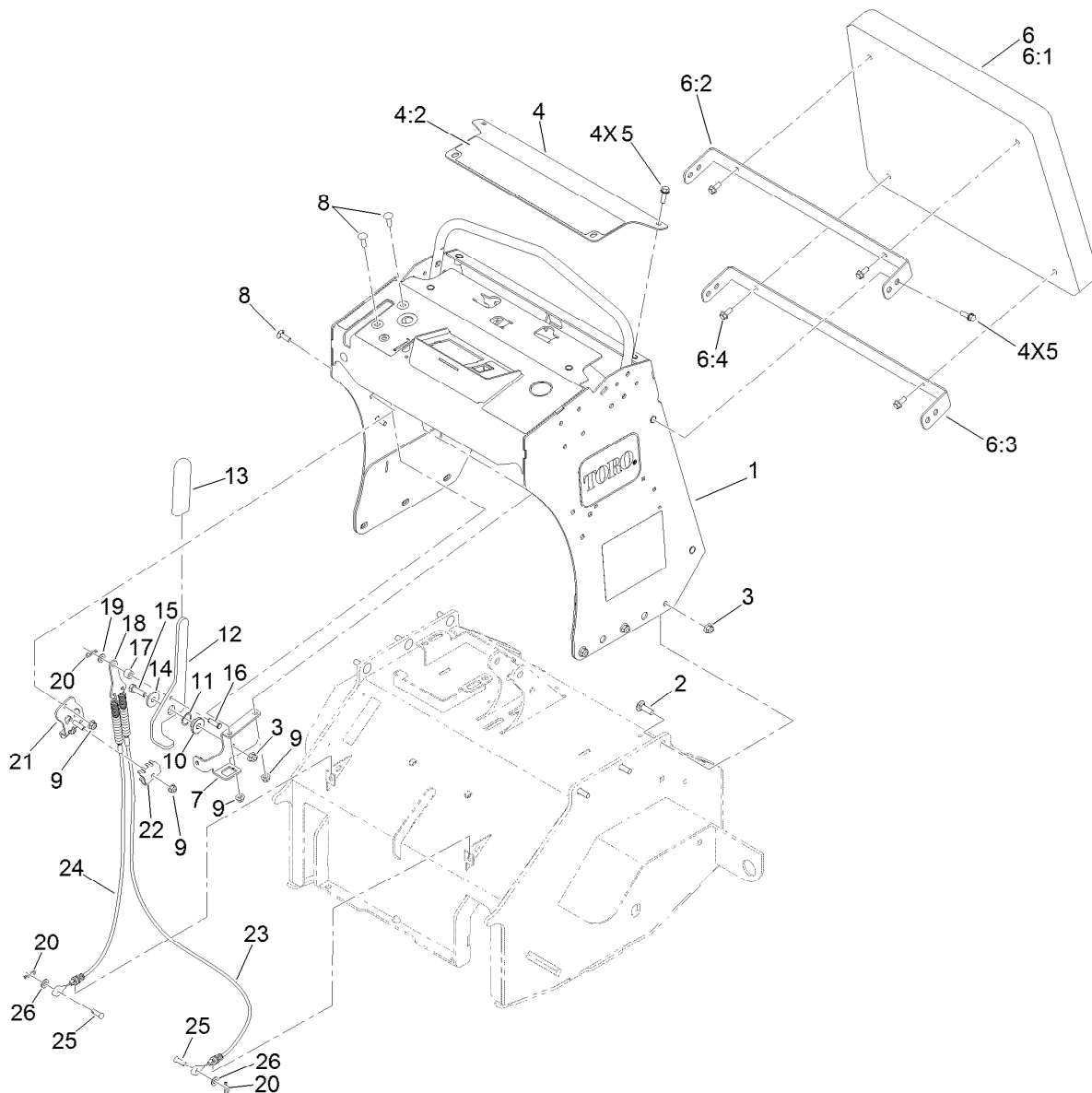
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	135-1354-01	1	Fork-Caster
2	142-4434	1	Wheel And Tire ASM
2:1	1-513810	2	Bushing
2:2	1-513809	1	Bearing

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2:3	302-61	1	Fitting-Grease
3	325-20	1	Screw-HH 1/2-13 X 6
4	3296-45	1	Nut-Nyloc 1/2-13 Thin
5	1-513547	1	Spacer



Platform Assembly No. 126-9883

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

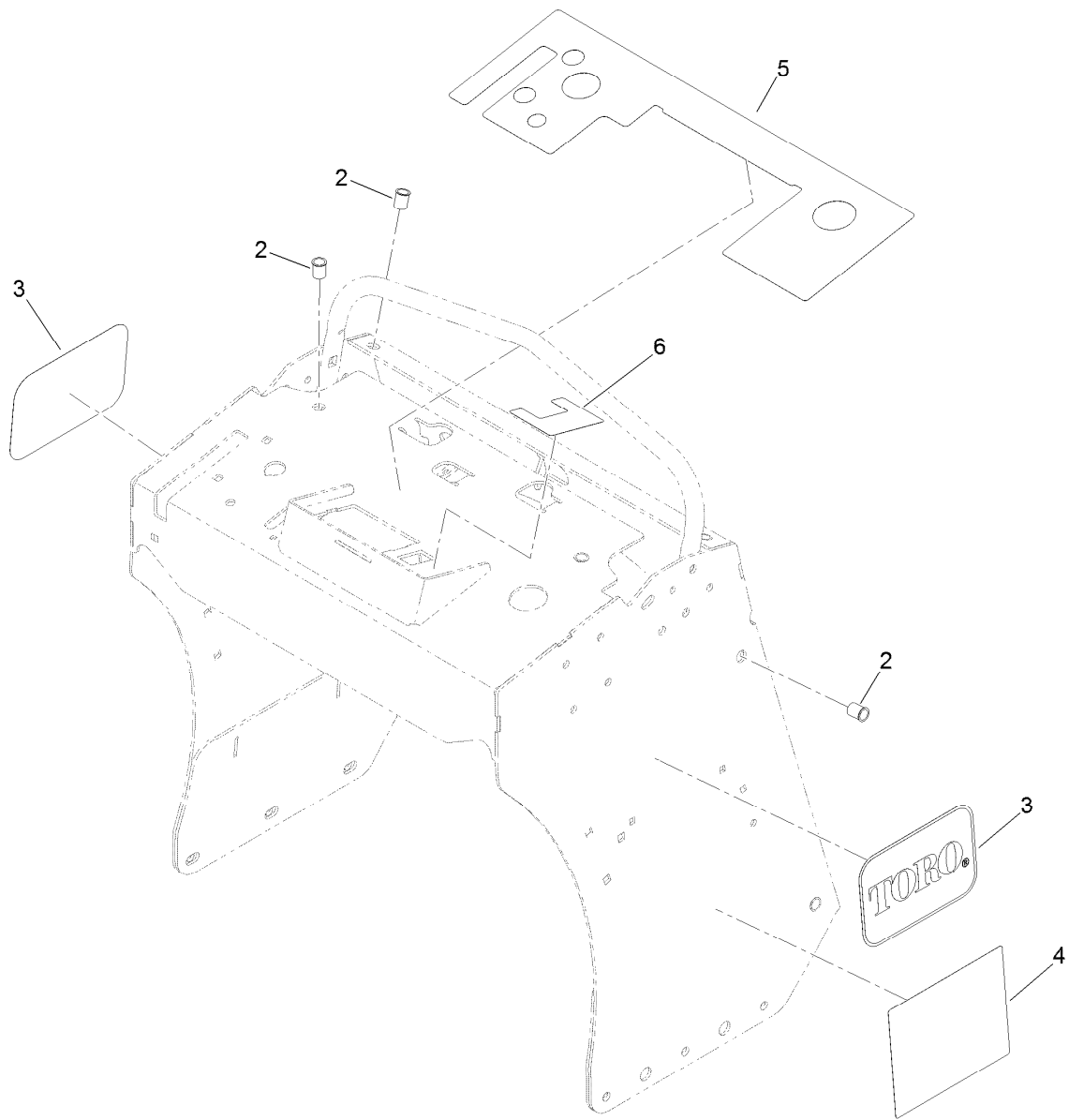


Control Tower and Brake Assembly

Ref.	Part Number	Qty.	Description
1	135-1701	1	Control Tower ASM
2	3231-25	6	Bolt-CARR
3	104-8301	7	Nut-HF, NI
4	135-1696	1	Control Panel ASM
4:2	135-2014	1	Decal-Warning
5	3234-29	8	Screw-HHF
6		1	Cushion ASM ●
6:1	135-1694	1	Cushion-Black
6:2	135-1712-03	1	Bracket-Pad, Upper
6:3	135-1713-03	1	Bracket-Pad, Lower
6:4	98-9940	4	Screw-HHF
7	135-1714-03	1	Bracket-Pivot, Brake
8	3230-22	5	Screw-CARR
9	104-8300	6	Nut-HF, NI
10	126-5989	1	Pivot-Flange
11	119-4164	1	Washer-Wave

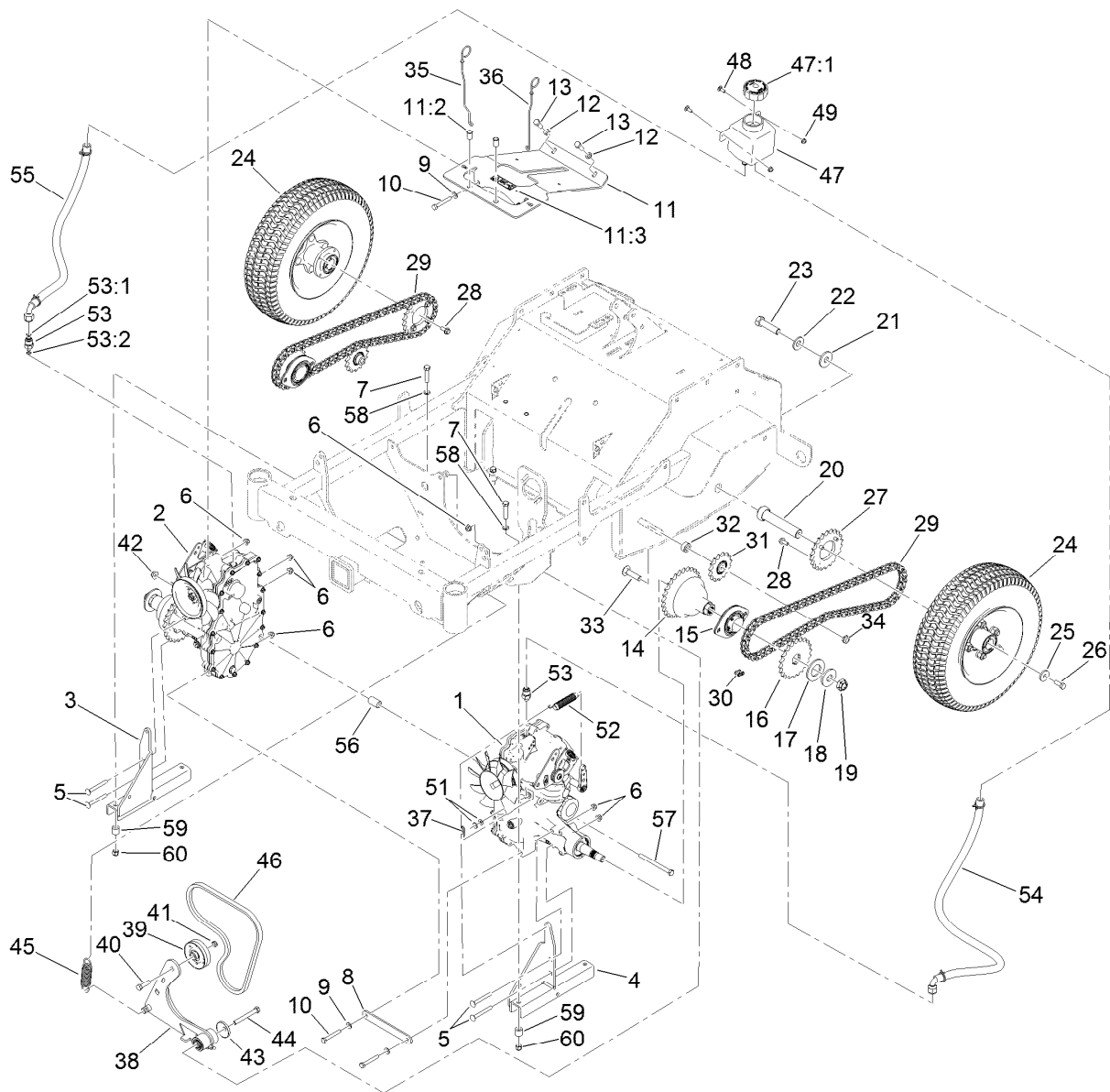
Ref.	Part Number	Qty.	Description
12	135-1715	1	Handle-Brake
13	1-633268	1	Grip-Lever
14	2844	1	Washer
15	323-7	1	Screw-HH
16	283-61	1	Pin-Yoke
17	114-8549	1	Bushing
18	132-1188	1	Yoke-Cable
19	93-6079	1	Spacer-Nylon
20	3290-307	3	Pin-Cotter
21	132-7582	1	Mount-Cable, Brake
22	132-1187	1	Clamp-Cable
23	135-0081	1	Cable-Brake, LH
24	135-0082	1	Cable-Brake, RH
25	283-75	2	Pin-Clevis
26	3256-23	2	Washer-Plain

● Not serviced separately



Control Tower Assembly No. 135-1701

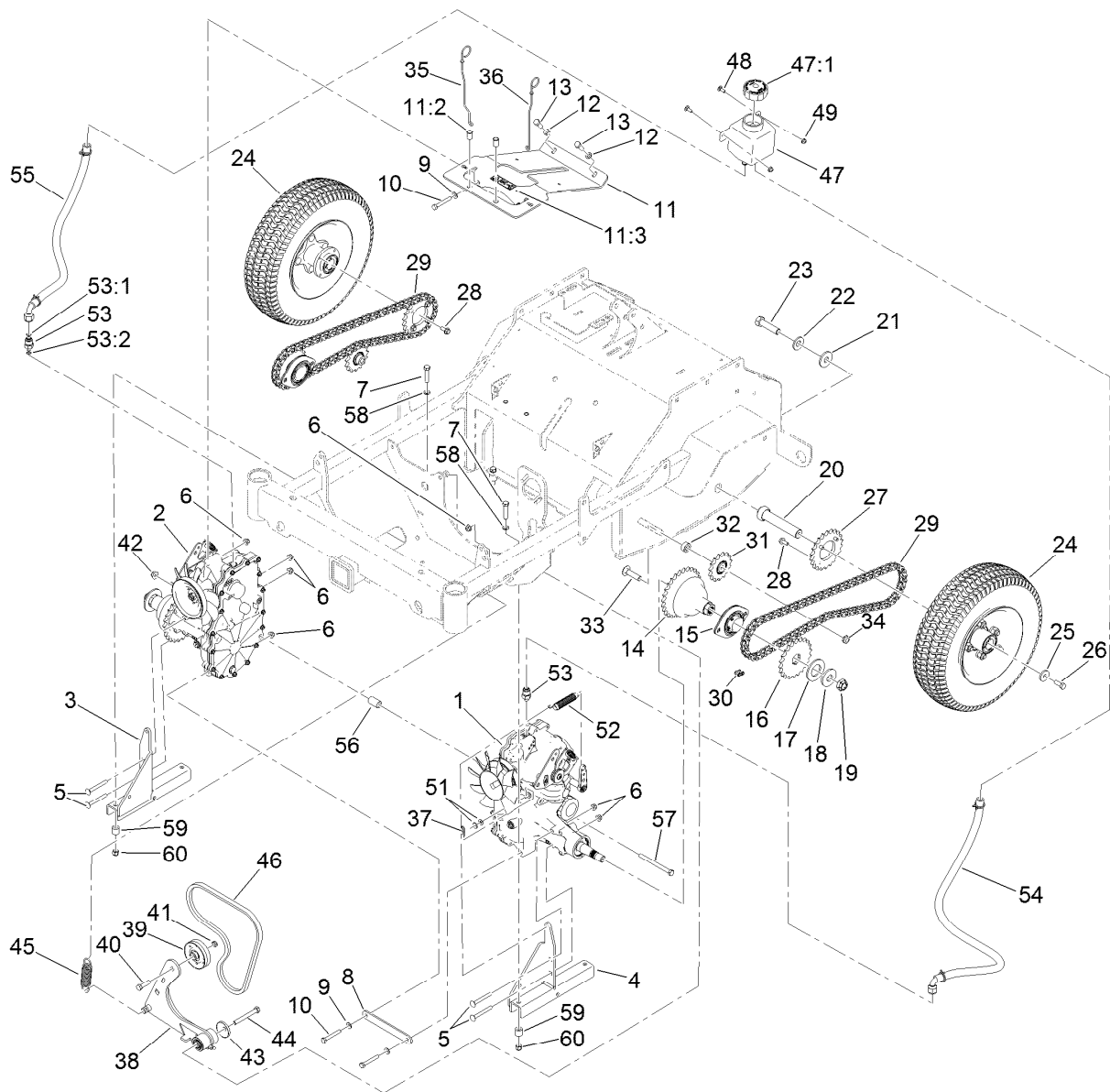
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	32148-7	8	Nut-Clinch
3	62-5550	2	Decal
4	135-3685	1	Decal-Aid, Service
5	135-2013	1	Decal-Panel, Control
6	135-2016	1	Decal-Control, Time



Ground Drive Assembly

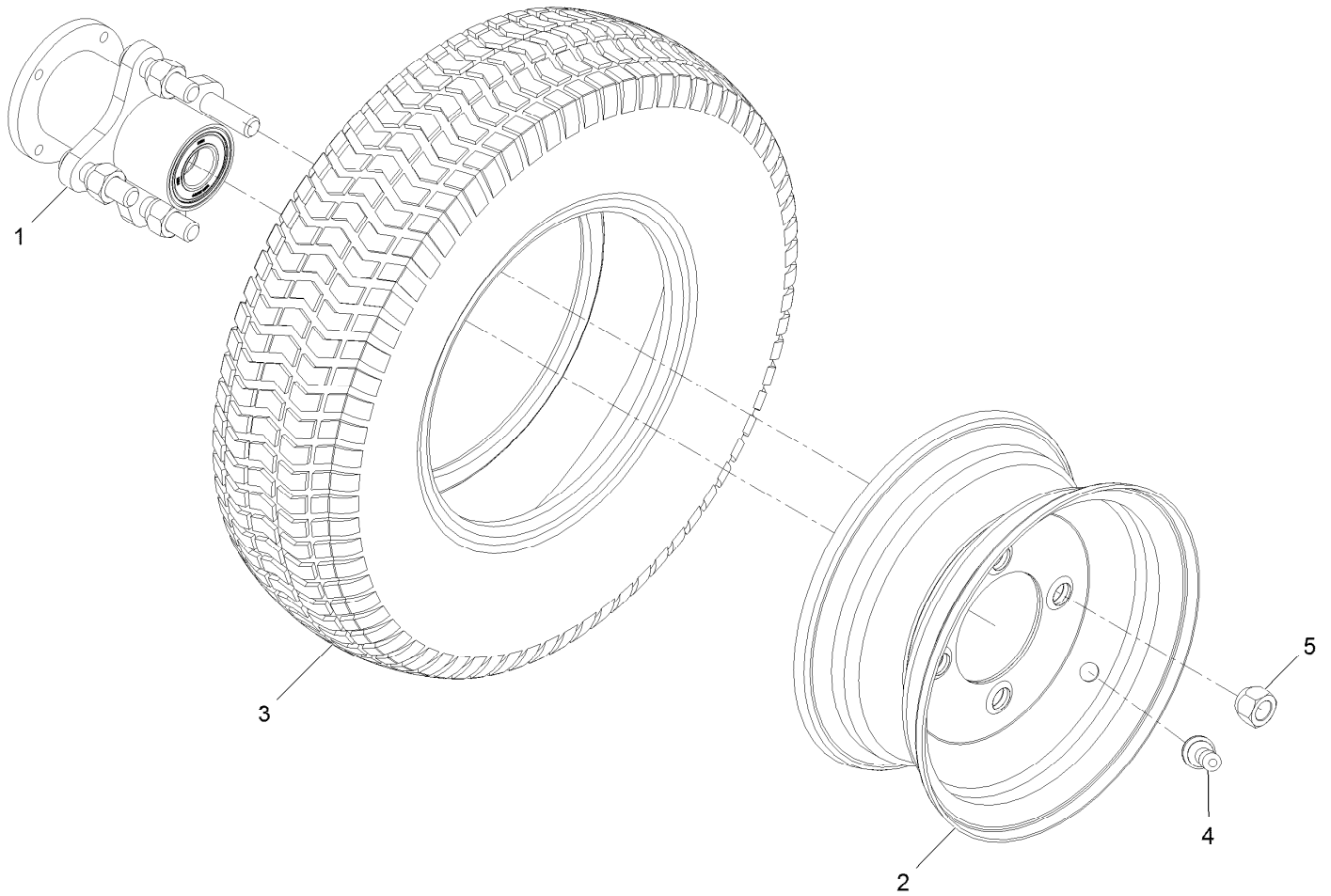
Ref.	Part Number	Qty.	Description
1	142-6970	1	Hydro-Zt3100, LH
2	142-6971	1	Hydro-Zt3100, RH
3	135-2004-03	1	Mount-Hydro, RH
4	135-2006-03	1	Mount-Hydro, LH
5	3230-9	4	Screw-CARR
6	104-8300	8	Nut-HF, NI
7	323-52	4	Screw-HH
8	126-9092-03	1	Crossmember-Transmission
9	1-303334	4	Washer-Spring
10	132-3838	4	Screw-HH
11	135-2497	1	Support-Cover
11:2	32148-10	2	Nut-Clinch
11:3	121-6161	1	Decal-Danger
12	3253-21	2	Washer-Lock
13	323-6	2	Screw-HH
14	135-0537	2	Hub-Bell
15	135-1056	2	Bearing-Flanged
16	135-0347	2	Sprocket
17	135-0360	2	Washer-Spacer
18	26-1990	2	Washer-Belleville
19	116-2839	2	Nut-Lock

Ref.	Part Number	Qty.	Description
20	135-1895	2	Axle-Wheel, Drive
21	135-1894	2	Washer-Spacer
22	125-1736	2	Washer-Belleville
23	327-7	2	Screw-HH
24	142-4438	2	Wheel And Tire ASM
25	53-6380	3	Washer-Flat
26	3235-22	2	Screw-HH, Lock
27	126-9075	2	Sprocket
28	98-9940	8	Screw-HHF
29	135-1100	2	Chain-Roller
30	116-6897	2	Link-Connecting
31	126-9108	2	Sprocket-Idler, 15T
32	126-9498	2	Spacer
33	3233-4	2	Screw-CARR
34	3296-45	2	Nut-Hex
35	135-0683	1	Rod-Bypass, LH
36	135-0685	1	Rod-Bypass, RH
37	3290-307	2	Pin-Cotter
38	126-9116	1	Idler Arm ASM
39	116-9715	1	Pulley-Idler
40	323-29	1	Screw-HH



Ground Drive Assembly (continued)

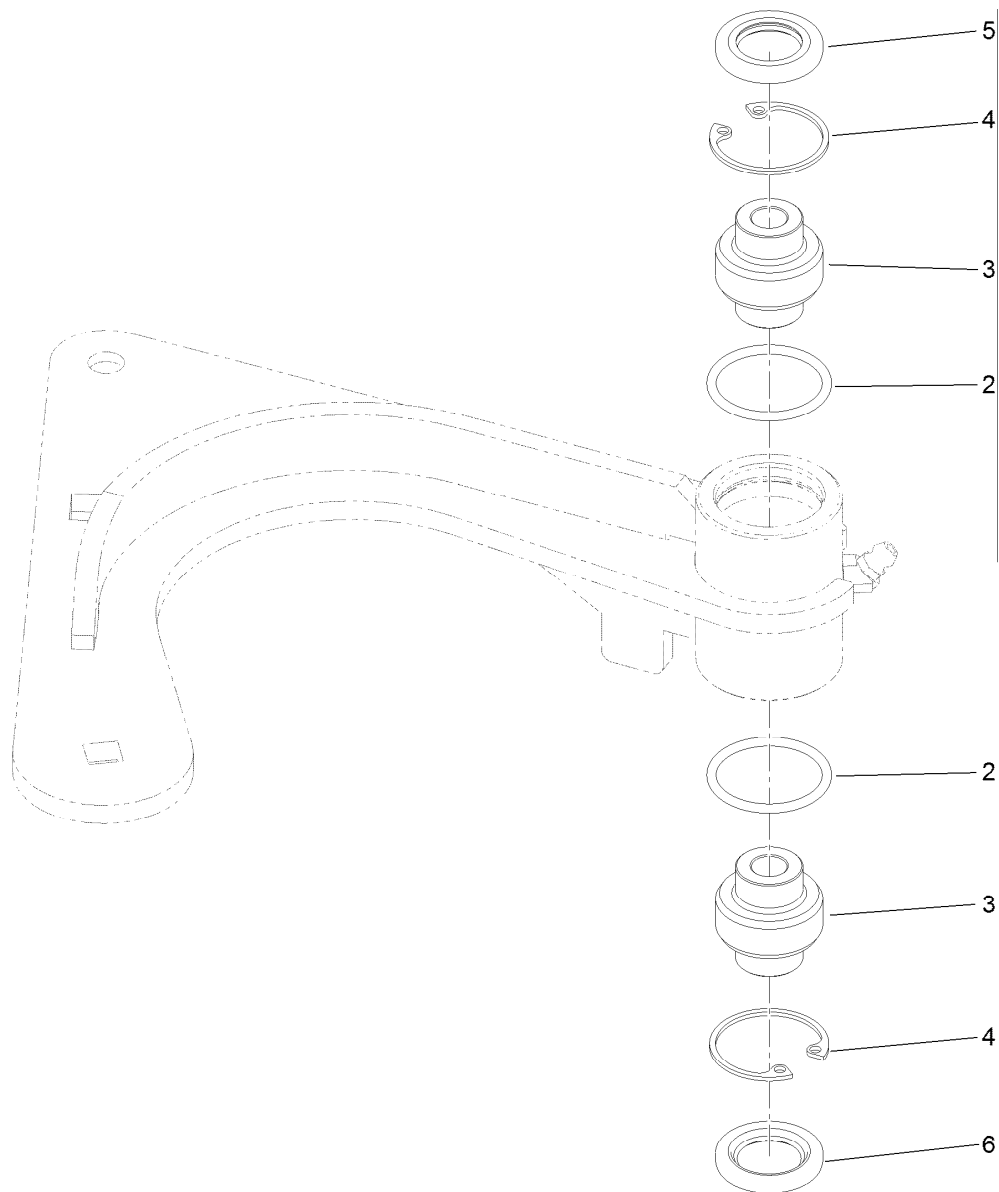
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
41	3296-59	2	Nut-Lock, NI	52	109-7124	2	Spring-Extension
42	104-8301	1	Nut-HF, NI	53	135-3138	2	Fitting-Straight
43	103-2916	1	Guard-Top	53:1	237-78	1	O-Ring
44	323-20	1	Screw-HH	53:2	1-603992	1	O-Ring
45	1-603402	1	Spring-Extension	54	135-0061	1	Hose ASM
46	126-9834	1	Belt-V, Cogged	55	135-0062	1	Hose ASM
47	109-2250	1	Tank-HYD	56	135-0124	1	Spacer
47:1	109-3320	1	Cap-Reservoir, HYD	57	323-23	1	Screw-HH
48	3229-1	2	Screw-CARR	58	106-5592	4	Spacer-Brake, Parking
49	104-7201	2	Nut-HF	59	98-8895	4	Spacer
51	119-8952	4	Washer	60	112-0236	4	Nut-Lock



Wheel and Tire Assembly No. 142-4438

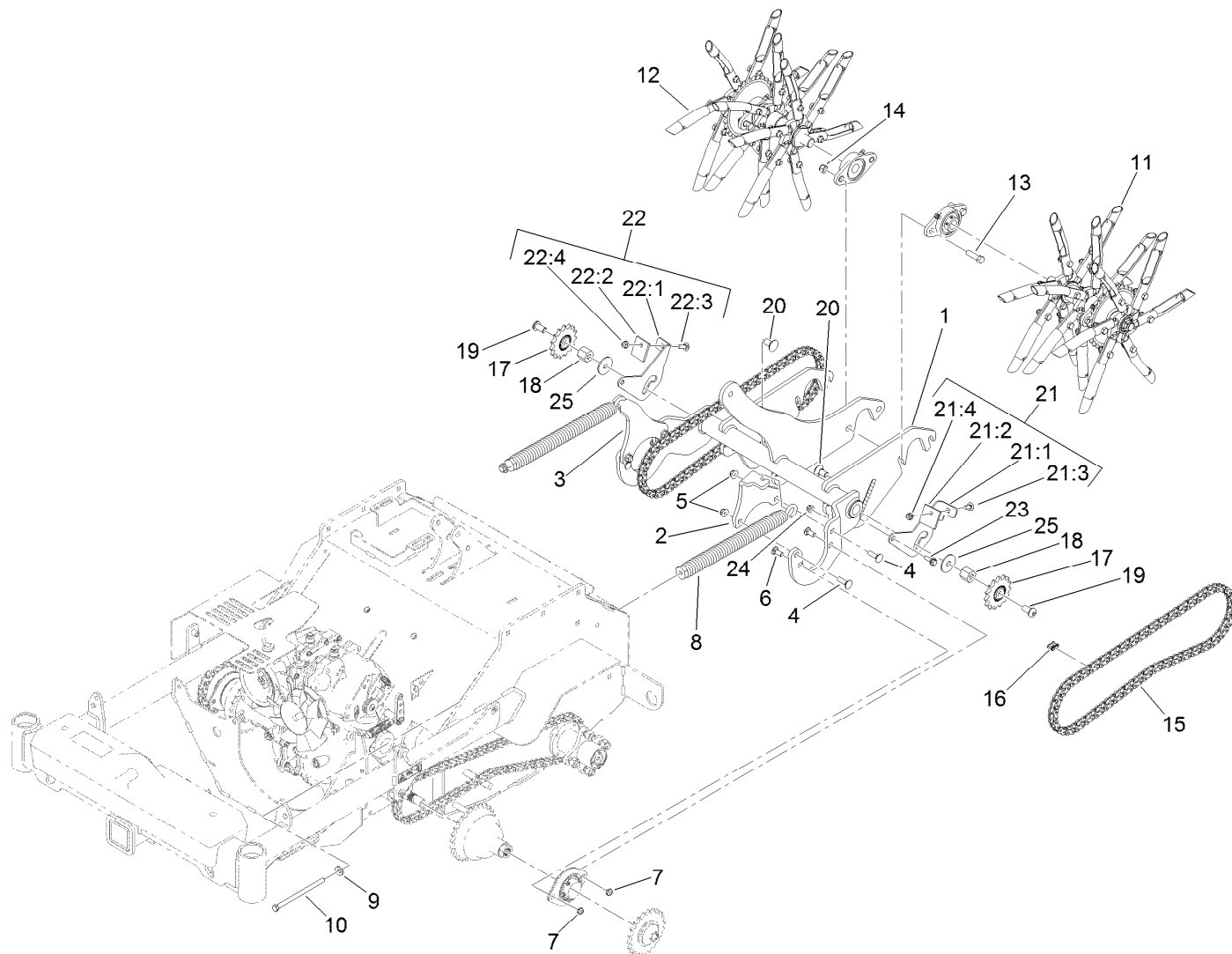
Ref.	Part Number	Qty.	Description
1		1	Wheel Hub ASM ●
2		1	Rim ●
3		1	Tire ●
4	232-27	1	Stem-Valve
5	242-50	4	Nut-Lug

● Not serviced separately



Idler Arm Assembly No. 126-9116

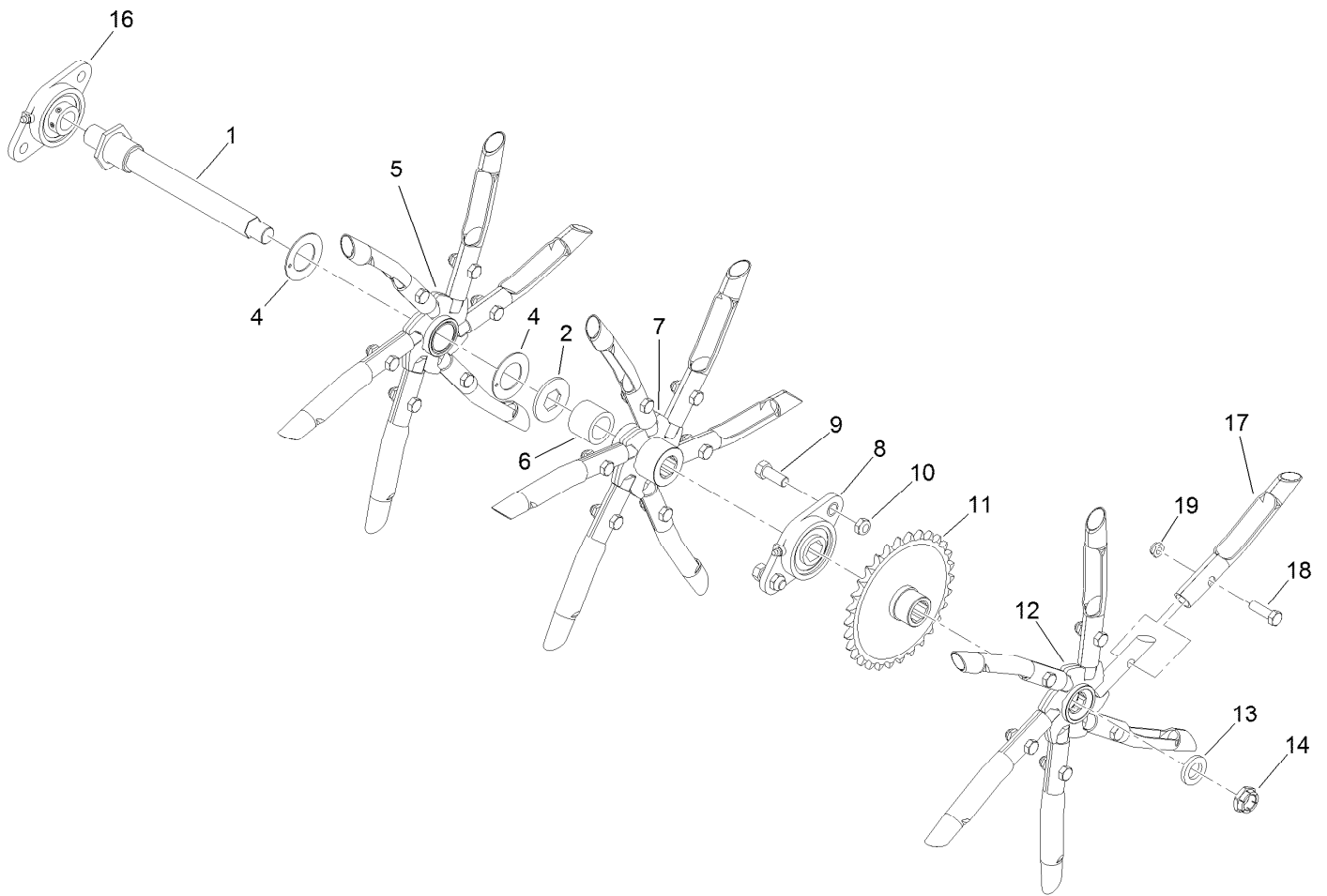
Ref.	Part Number	Qty.	Description
2	106-7159	2	O-Ring
3	103-3504	2	Bearing-Spherical
4	32120-10	2	Ring-Snap
5	103-3505	1	Seal-Lip, Double
6	103-3506	1	Seal-Lip, Single



Tine Assembly

Ref.	Part Number	Qty.	Description
1	135-0810-03	1	Lift-Tine
2	135-1060-03	1	Arm-Spring, LH
3	135-1061-03	1	Arm-Spring, RH
4	3231-25	4	Bolt-CARR
5	104-8301	4	Nut-HF, NI
6	3231-12	4	Bolt-CARR
7	3296-59	4	Nut-Lock, NI
8	116-0000	2	Spring-Extension
9	98-5975	2	Washer-Belleville
10	323-58	2	Bolt-TAP, HH
11	126-9550	1	LH Tine Wheel ASM
12	126-9551	1	RH Tine Wheel ASM
13	324-6	2	Screw-HH
14	126-9780	2	Nut-Lock
15	135-1100	2	Chain-Roller
16	116-6897	2	Link-Connecting
17	126-9108	2	Sprocket-Idler, 15T
18	135-2242	2	Spacer

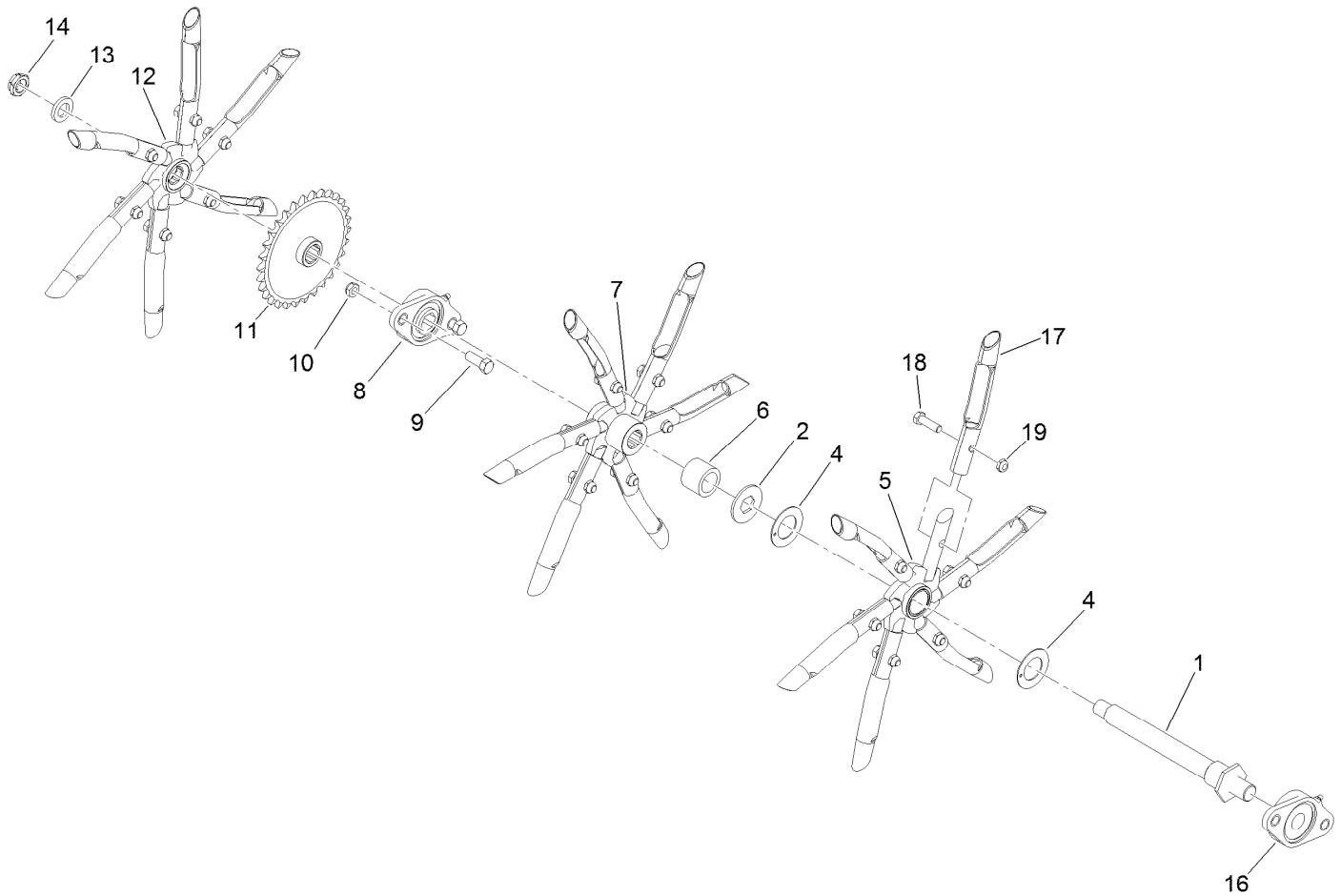
Ref.	Part Number	Qty.	Description
19	99-8446	2	Screw- Pan Socket Head
20	3233-9	2	Screw-CARR
21	135-2405	1	LH Debris Deflector ASM
21:1	135-2325	1	Bracket-Deflector, Debris (LH)
21:2	135-2403	1	Deflector-Debris
21:3	3230-10	1	Bolt-CARR
21:4	104-8300	1	Nut-HF, NI
22	135-2404	1	RH Debris Deflector ASM
22:1	135-2406	1	Bracket-Deflector, Debris (RH)
22:2	135-2403	1	Deflector-Debris
22:3	3230-10	1	Bolt-CARR
22:4	104-8300	1	Nut-HF, NI
23	27-0410	2	Screw-Shoulder
24	104-8300	2	Nut-HF, NI
25	120-3856	2	Washer-Flat



Left Hand Tine Wheel Assembly No. 126-9550

Ref.	Part Number	Qty.	Description
1	135-2980	1	Tine Shaft ASM
2	135-2977	1	Keeper-Tine, Floating
4	126-9619	2	Washer-Thrust
5	126-9540	1	Floating Spyder ASM
6	126-9715	1	Spacer-Tine
7	126-9625	1	Driven Spyder ASM
8	126-9705	1	Bearing-Hex Bore
9	126-9822	2	Screw-HH
10	126-9780	2	Nut-Lock

Ref.	Part Number	Qty.	Description
11	126-9624	1	Sprocket ASM
12	126-9630	1	Driven Spyder ASM
13	135-0502	1	Washer-Spacer
14	135-1528	1	Nut-Lock
16	126-9704	1	Bearing-Round Bore
17	126-2143	18	Tine-Coring (3/4 Inch)
18	323-7	18	Screw-HH
19	3296-59	18	Nut-Lock, NI

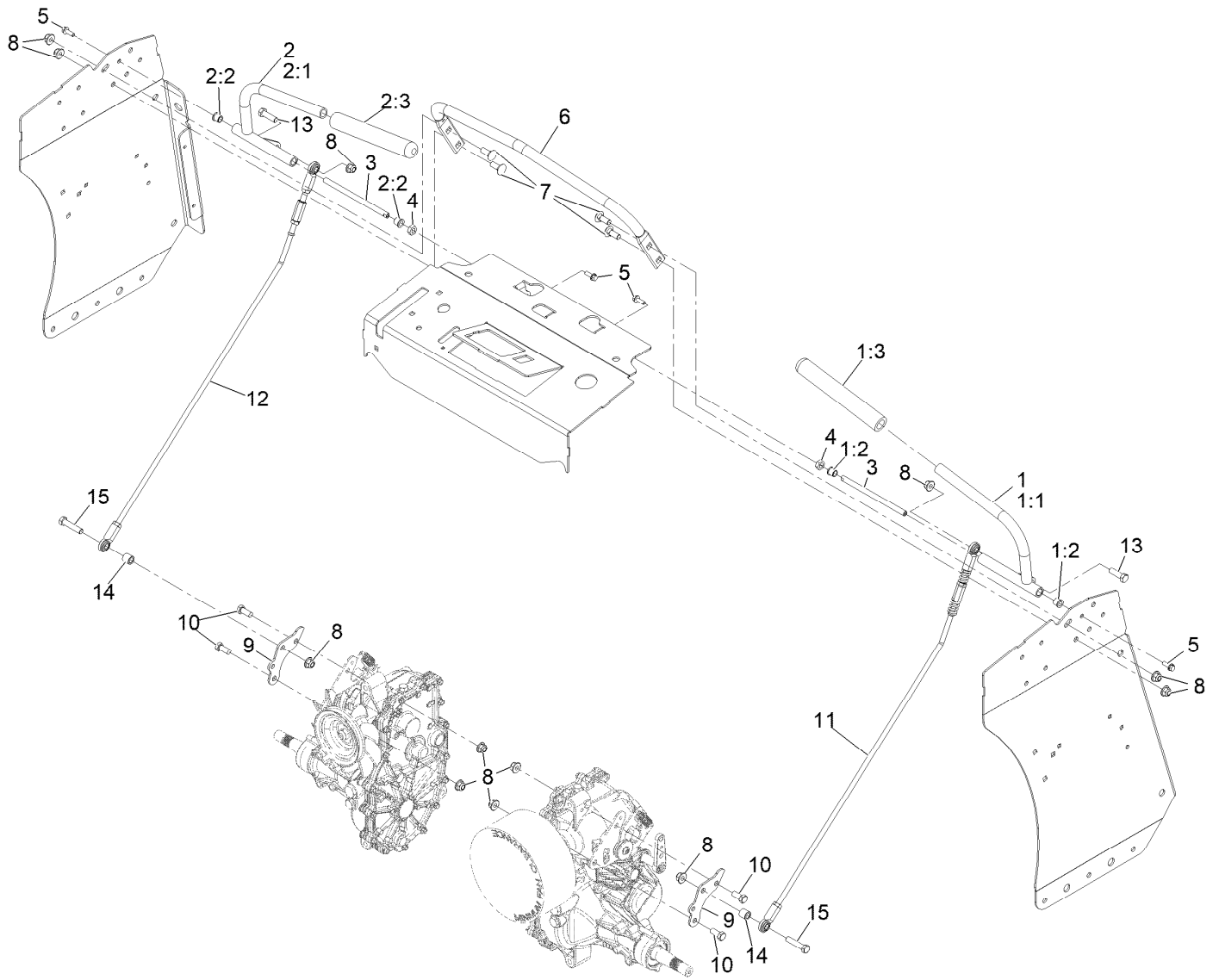


Right Hand Tine Wheel Assembly No. 126-9551

Ref.	Part Number	Qty.	Description
1	135-2980	1	Tine Shaft ASM
2	135-2977	1	Keeper-Tine, Floating
4	126-9619	2	Washer-Thrust
5	126-9540	1	Floating Spyder ASM
6	126-9715	1	Spacer-Tine
7	126-9625	1	Driven Spyder ASM
8	126-9705	1	Bearing-Hex Bore
9	126-9822	2	Screw-HH
10	126-9780	2	Nut-Lock

Ref.	Part Number	Qty.	Description
11	126-9624	1	Sprocket ASM
12	126-9630	1	Driven Spyder ASM
13	135-0502	1	Washer-Spacer
14	135-1528	1	Nut-Lock
16	126-9704	1	Bearing-Round Bore
17	126-2143	1	Tine-Coring (3/4 Inch)
18	323-7	18	Screw-HH
19	3296-59	18	Nut-Lock, NI

Motion Controls

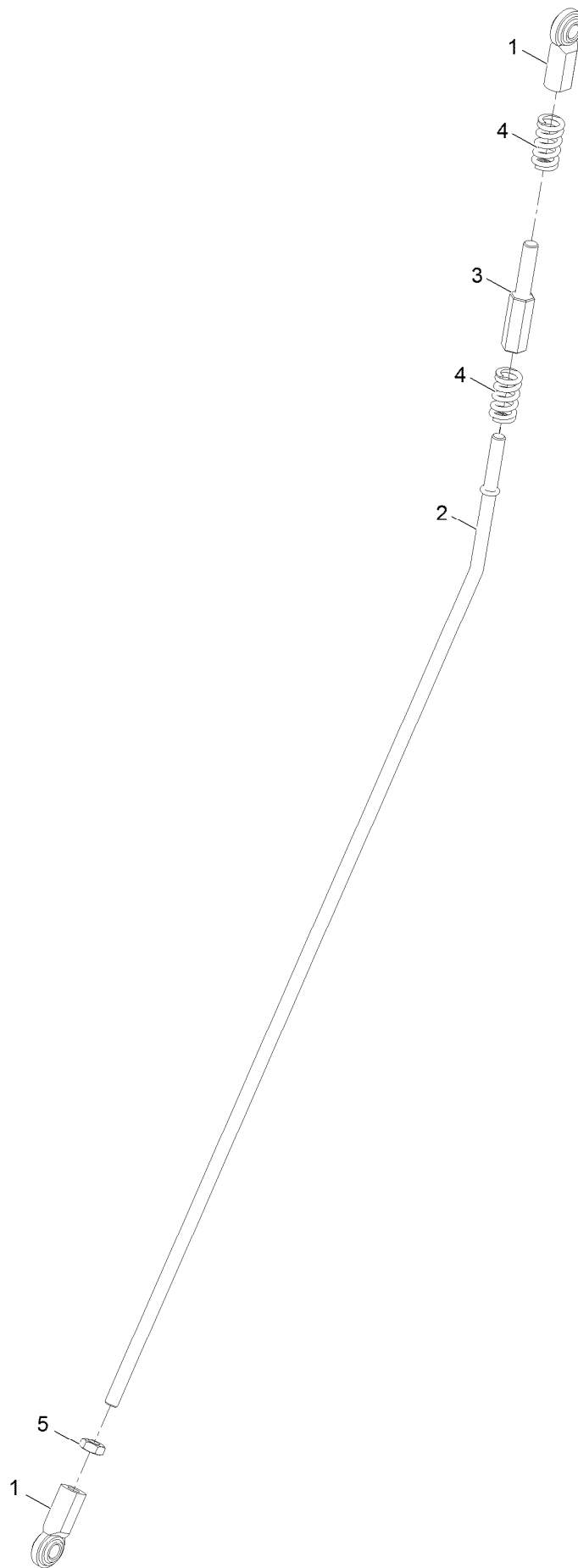


Motion Controls (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	LH Motion Handle ASM ●	6	135-1557-01	1	Bar-Reference
1:1	135-1575-03	1	Handle-Control, LH	7	3231-2	4	Bolt-Carriage 3/8-16 X 1
1:2	103-9928	2	Bearing	8	104-8301	12	Nut-Nyloc 3/8-16 Flg
1:3	103-8153	1	Grip-Lever, Control	9	135-0305	2	Arm-Motion
2		1	RH Motion Handle ASM ●	10	323-5	4	Screw-HH 3/8-16 X 7/8
2:1	135-1576-03	1	Handle-Control, RH	11		1	LH Motion Linkage ASM ●
2:2	103-9928	2	Bearing	12		1	RH Motion Linkage ASM ●
2:3	103-8153	1	Grip-Lever, Control	13	323-7	2	Screw-HH 3/8-16 X 1 1/4
3	116-4978	2	Shaft-Pivot, Motion Control	14	126-9682	2	Spacer
4	116-4198	2	Spacer-Shaft, Drive Lever	15	323-9	2	Screw-HH 3/8-16 X 1 3/4
5	117-8304	4	Screw-Hex Flange 1/4-20 X 3/4				

● Not serviced separately

LH Motion Control Linkage Assembly

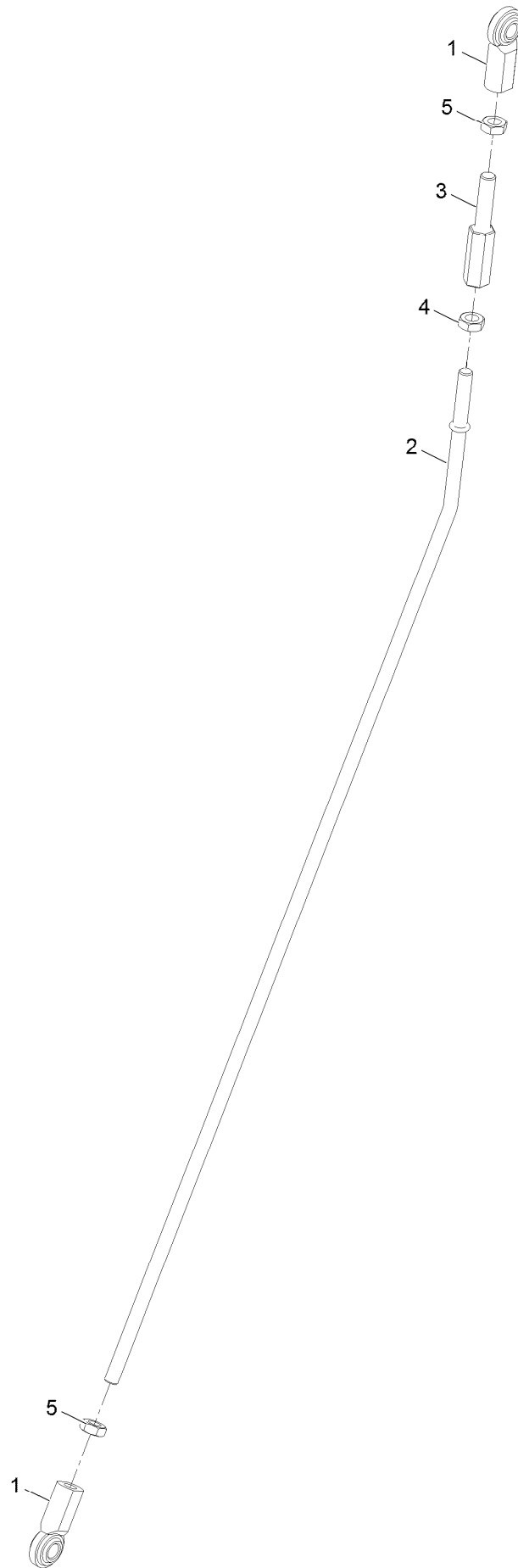


LH Motion Control Linkage Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-0608	2	Balljoint
2	135-1579	1	Linkage-Motion
3	116-4755	1	Rod-Adjustment

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	116-7560	2	Spring-Compression
5	3220-3	1	Nut-Jam 3/8-24

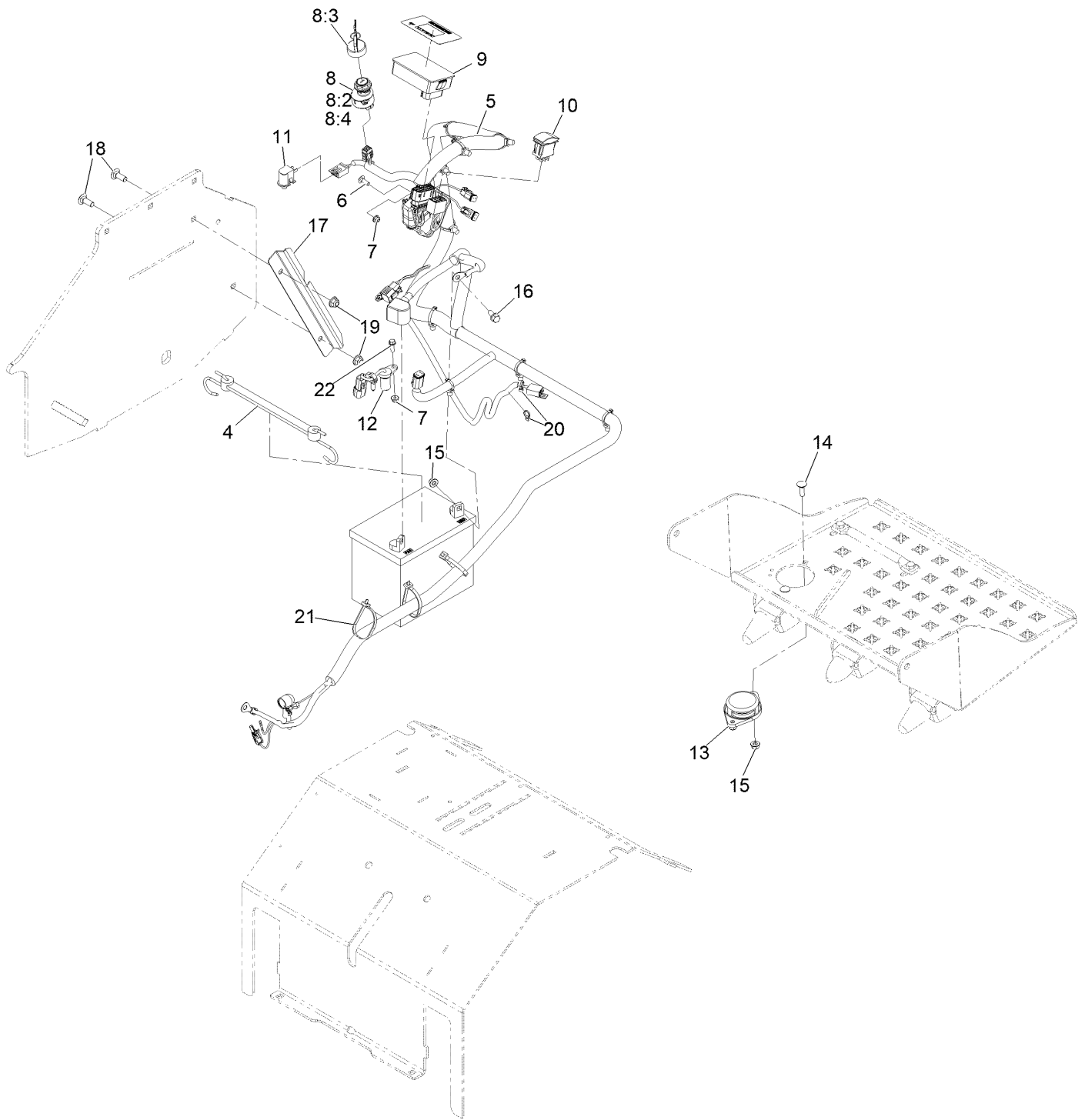
RH Motion Control Linkage Assembly



RH Motion Control Linkage Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-0608	2	Balljoint	4	3220-16	1	Nut-Jam 3/8-24 LH
2	135-1579	1	Linkage-Motion	5	3220-3	2	Nut-Jam 3/8-24
3	116-4755	1	Rod-Adjustment				

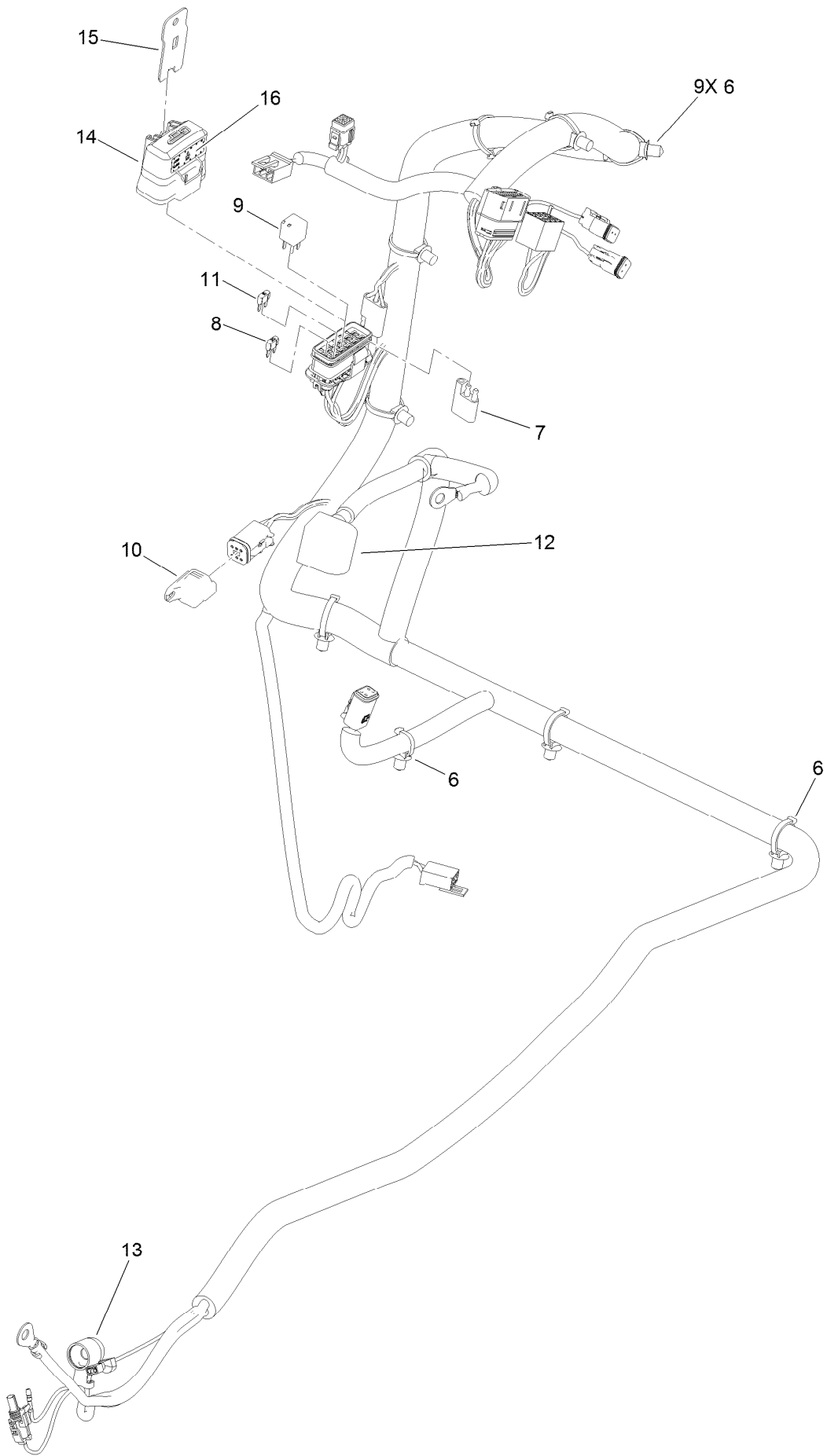
Electrical Assembly



Electrical Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	104-2466	1	Holddown-Battery	12	135-0101	1	Sensor-Quadrature
5	126-9535	1	Harness-Wire	13	92-6282	1	Switch-Seat
6	3229-1	1	Bolt-Carriage 1/4-20 X 3/4	14	3230-2	2	Bolt-Carriage 5/16-18 X 1
7	104-7201	2	Nut-Nyloc 1/4-20 Flg	15	104-8300	4	Nut-Nyloc 5/16-18 Flg
8	126-6285	1	Ignition Switch ASM	16	3234-5	2	Screw-HH Flg 5/16-18 X 3/4
8:2	108-8660	1	Nut-Mounting	17	126-9701-03	1	Guard-Harness
8:3	106-5270	1	Ignition Key Set	18	3231-2	2	Bolt-Carriage 3/8-16 X 1
8:4	108-8659	1	Washer-Backup	19	104-8301	2	Nut-Nyloc 3/8-16 Flg
9	135-2500	1	Hour Meter ASM	20	1-303287	2	Tie-Cable 5 1/2 (Small)
10	100-1535	1	Switch-Rocker, (On)-Off-(On)	21	3290-378	3	Tie-Cable
11	82-2190	1	Switch	22	32105-15	1	Screw-Machine 1/4-20 X 3/4

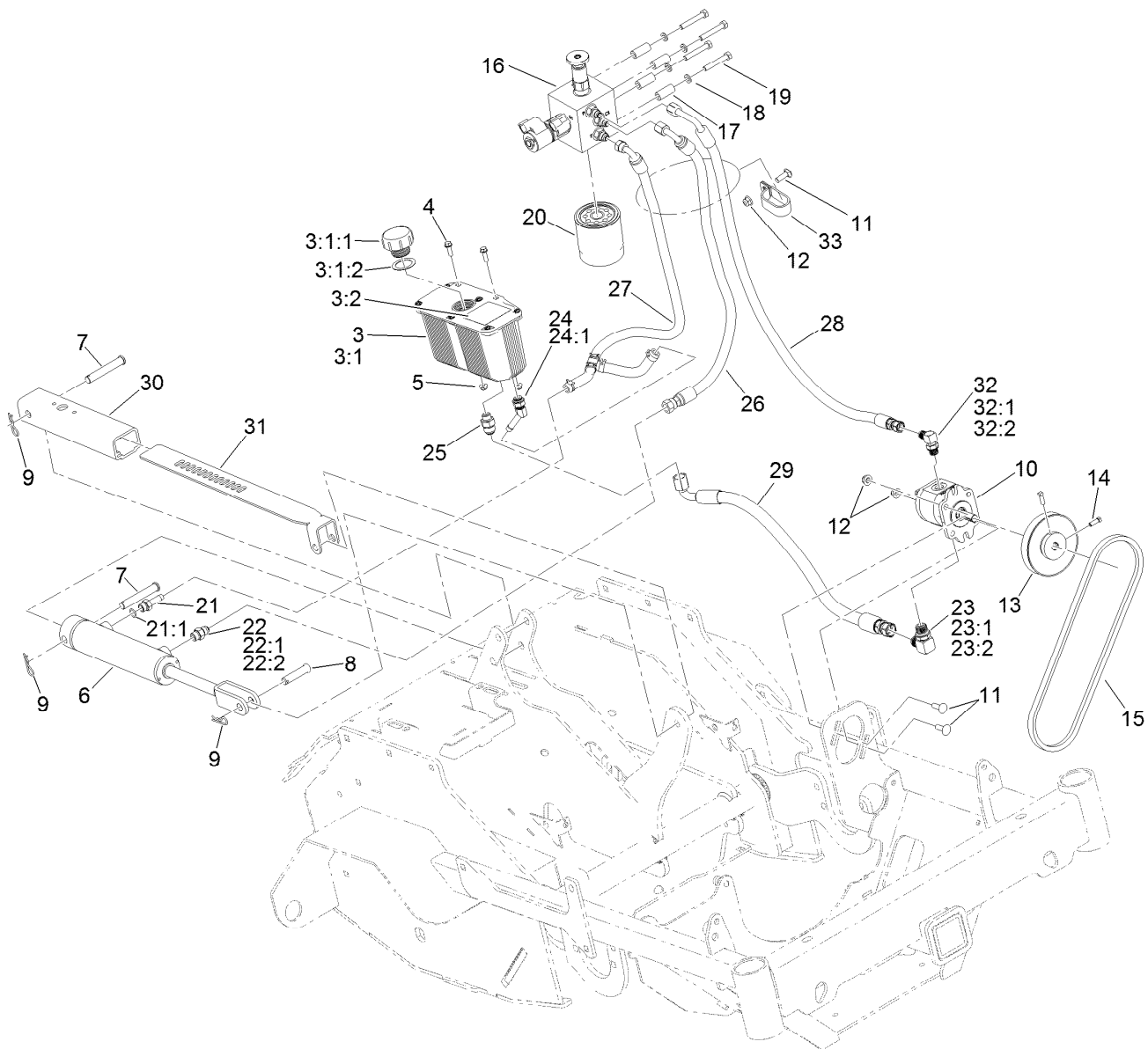
Wire Harness Assembly No. 126-9535



Wire Harness Assembly No. 126-9535 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	32180-030	9	Clip-Tie
7	32180-197	1	Cap-Plug
8	121-8868	1	Fuse-Mini Blade, 20 Amp
9	126-3991	1	Relay-Micro
10	32180-156	1	Cap-Plug, 6 Way
11	121-8867	1	Fuse-Mini Blade, 15 Amp

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
12	126-8876	1	Insulator-Battery
13	1-543393	1	Insulator-Solenoid
14	32180-176	1	Cover-Block, Fuse
15	32180-177	1	Clip-Mounting
16	126-7875	1	Decal-Fuse

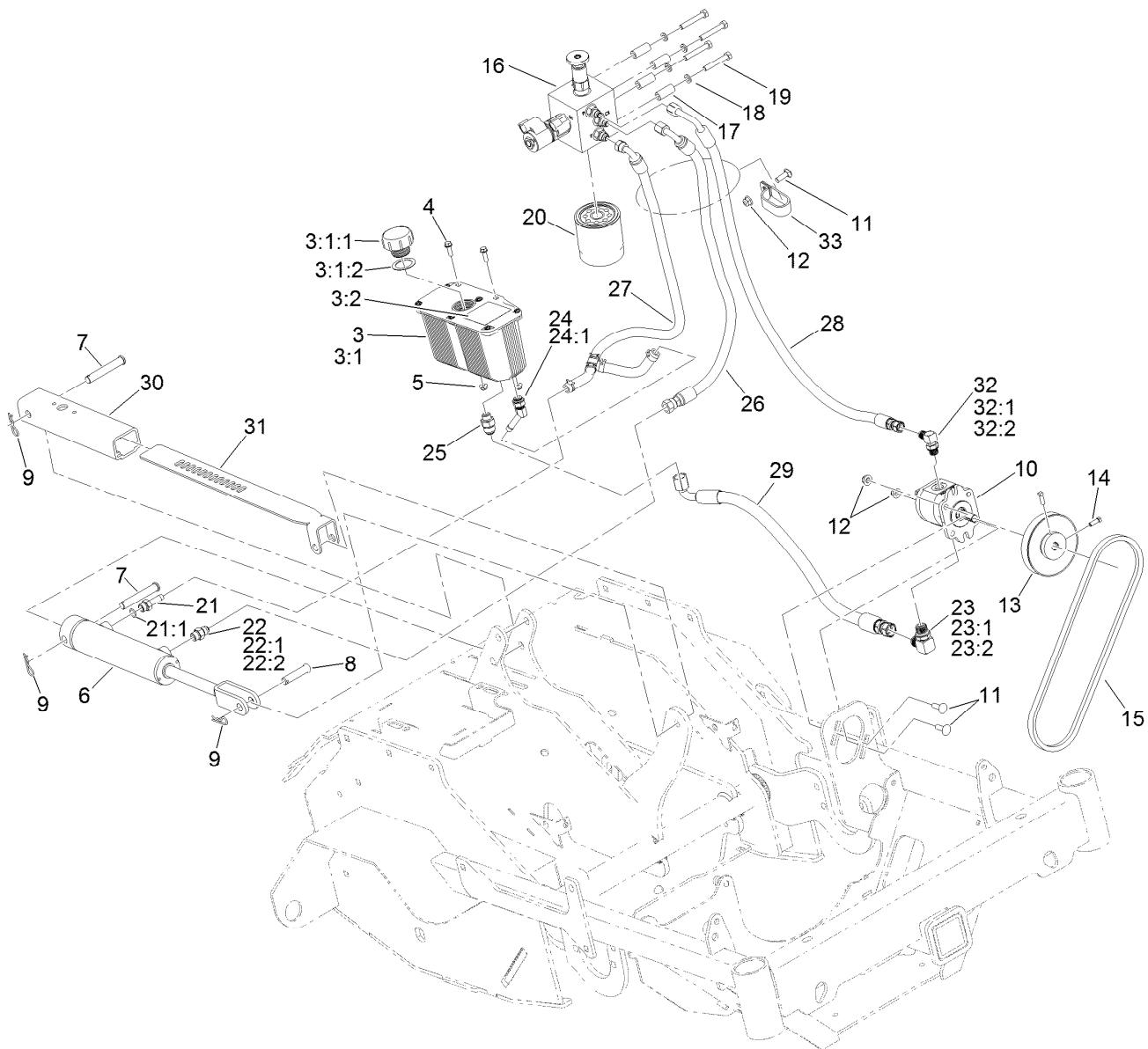


Auxiliary Hydraulic Assembly

Ref.	Part Number	Qty.	Description
3	116-2066	1	Reservoir ASM
3:1		1	Reservoir-HYD ●
3:1:1	103-1948	1	Cap-Reservoir, HYD
3:1:2	103-1949	1	Gasket-Cap
3:2	115-4212	1	Decal-Warning
4	32105-15	2	Screw-HWH
5	104-7201	2	Nut-HF
6	126-9861	1	Cylinder-Hydraulic
7	283-55	2	Pin-Clevis
8	42195	1	Pin-Clevis
9	3290-467	3	Pin-Hair
10	126-9796	1	Pump-Hydraulic
11	3230-22	3	Screw-CARR
12	104-8300	3	Nut-HF, NI
13	116-6667	1	Pulley
14	3241-6	2	Screw-SQH
15	126-9803	1	Belt-V
16	126-9321	1	Manifold ASM

Ref.	Part Number	Qty.	Description
17	103-0384	4	Spacer
18	3253-4	4	Washer-Lock
19	322-10	4	Screw-HH
20	1-633750	1	Filter-Oil, HYD
21	103-1912	1	Adapter-Straight
21:1	237-42	1	O-Ring
22	103-2156	1	Fitting-Straight
22:1	1-603921	1	O-Ring
22:2	103-1020	1	O-Ring
23	103-2153	1	Fitting-90 DEG
23:1	1-603920	1	O-Ring
23:2	1-603992	1	O-Ring
24	103-1807	1	Fitting-Barbed, 45 DEG
24:1	237-42	1	O-Ring
25	126-9952	1	Fitting-STR
26	126-9468	1	Hydraulic Hose ASM
27	126-9469	1	Hydraulic Hose ASM
28	126-9470	1	Hydraulic Hose ASM

● Not serviced separately



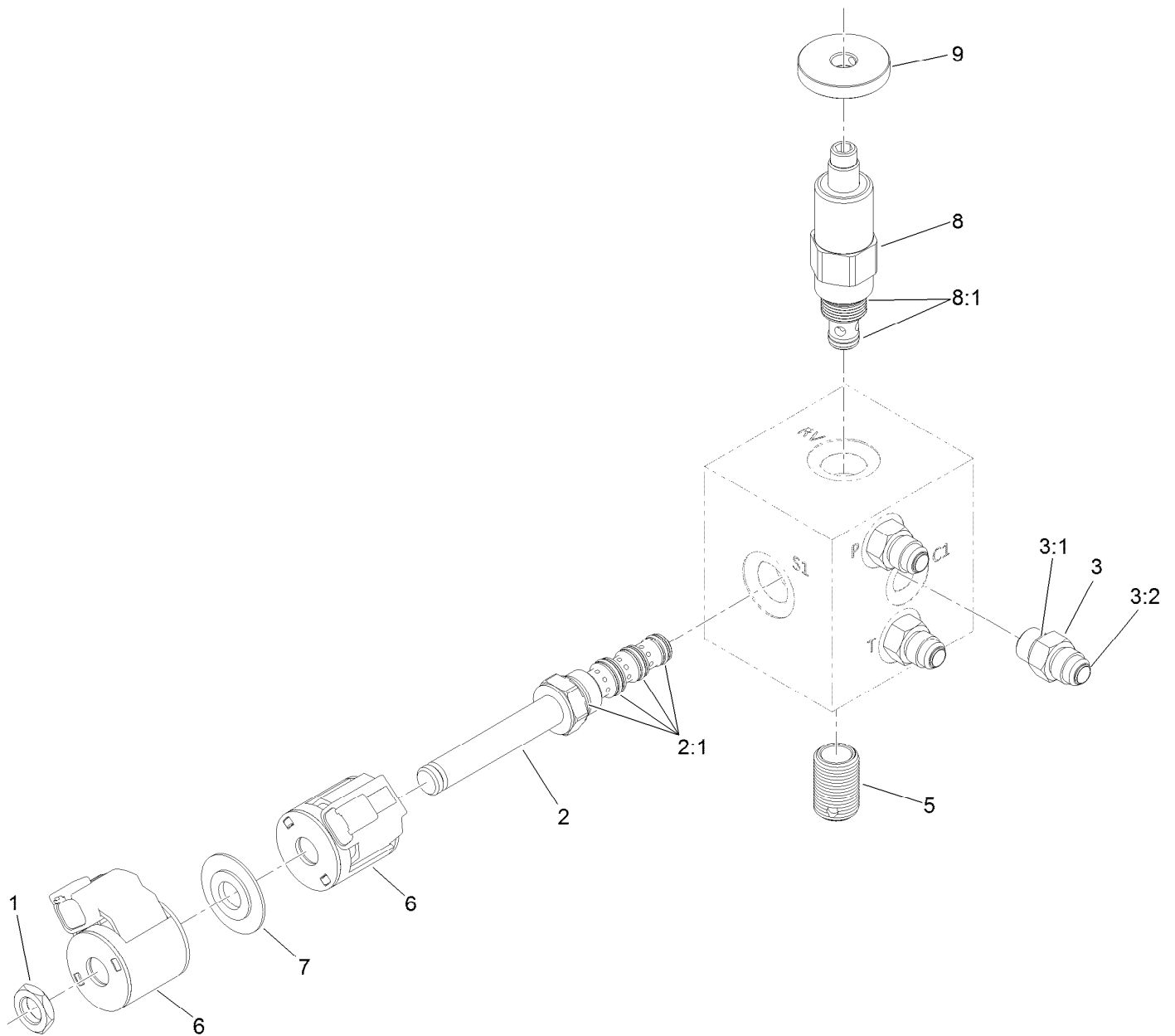
Auxiliary Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
29	126-9471	1	Hydraulic Hose ASM
30	135-1224	1	Housing-Depth Control
31	135-1385	1	Bracket-Depth Control
32	103-2155	1	Fitting-90 DEG

Ref.	Part Number	Qty.	Description
32:1	1-603921	1	O-Ring
32:2	103-1020	1	O-Ring
33	2412-137	1	Clamp-R, Double

● Not serviced separately

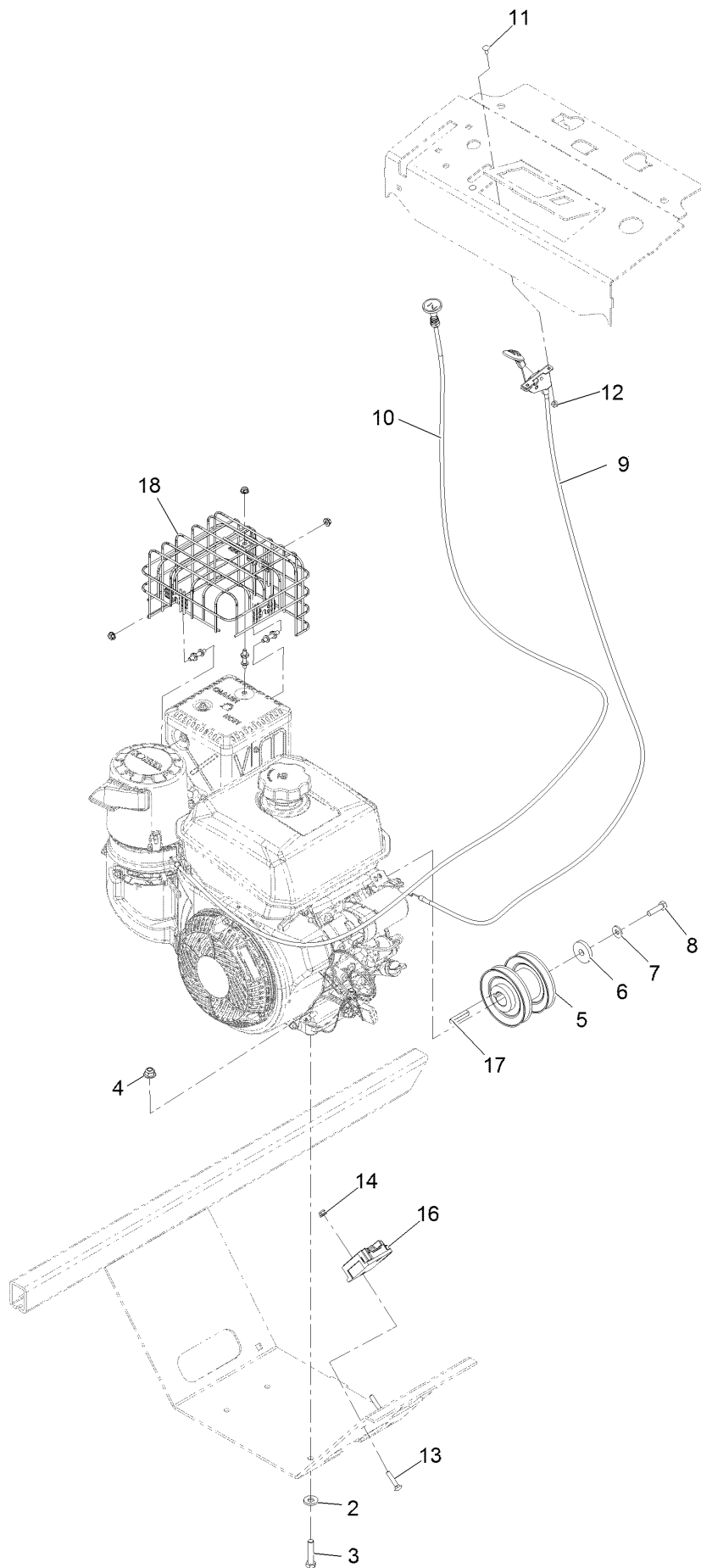
Manifold Assembly No. 126-9321



Manifold Assembly No. 126-9321 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-2634	1	Nut-Coil	5	127-3885	1	Nipple-Filter
2	126-9379	1	Valve-Solenoid	6	112-0197	2	E Coil-12V DC
2:1	112-6520	1	Seal Kit	7	120-2586	1	Spacer-Coil
3	103-2156	3	Fitting-Straight	8	135-1855	1	Valve-Relief, Poppet Type
3:1	1-603921	1	O-Ring	8:1	126-9388	1	Seal Kit
3:2	103-1020	1	O-Ring	9	116-9396	1	Knob (1.5 DIA)

Engine Assembly



Engine Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	98-5975	4	Washer-Spring Disc 3/8	10	135-2133	1	Cable-Choke, Push/Pull
3	323-9	4	Screw-HH 3/8-16 X 1 3/4	11	1-807513	2	Bolt-Carriage #10-24 X 1/2
4	104-8301	4	Nut-Nyloc 3/8-16 Flg	12	3296-2	2	Nut-Nyloc #10-24
5	126-9142	1	Pulley	13	3229-3	2	Bolt-Carriage 1/4-20 X 1 1/4
6	1-543610	1	Washer	14	104-7201	2	Nut-Nyloc 1/4-20 Flg
7	1-303334	1	Washer-Spring Disc 5/16	16	126-9904	1	Regulator
8	33114-030	1	Screw-HH M8-1.25 X 30Mm	17	135-3980	1	Key-Square, 7Mm
9	109-3958	1	Control-Throttle	18	135-3366	1	Kit-Muffler Birdcage

Notes:

Notes:



Count on it.