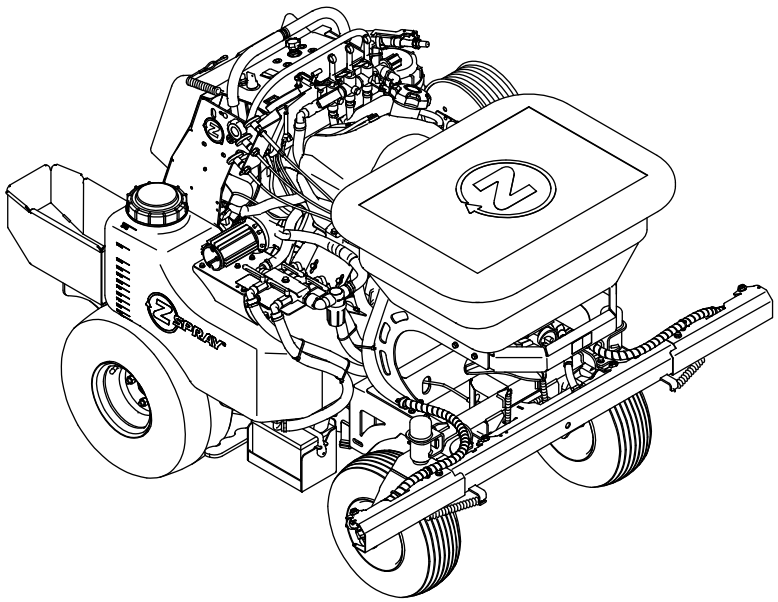
TURF EQUIPMENT™

Z-SPRAY®

Model No. ZS4230—Serial No. 406294345 - 406814598

Picture below may not reflect actual product.



Parts Manual

Part No. 4504-912 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.

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).

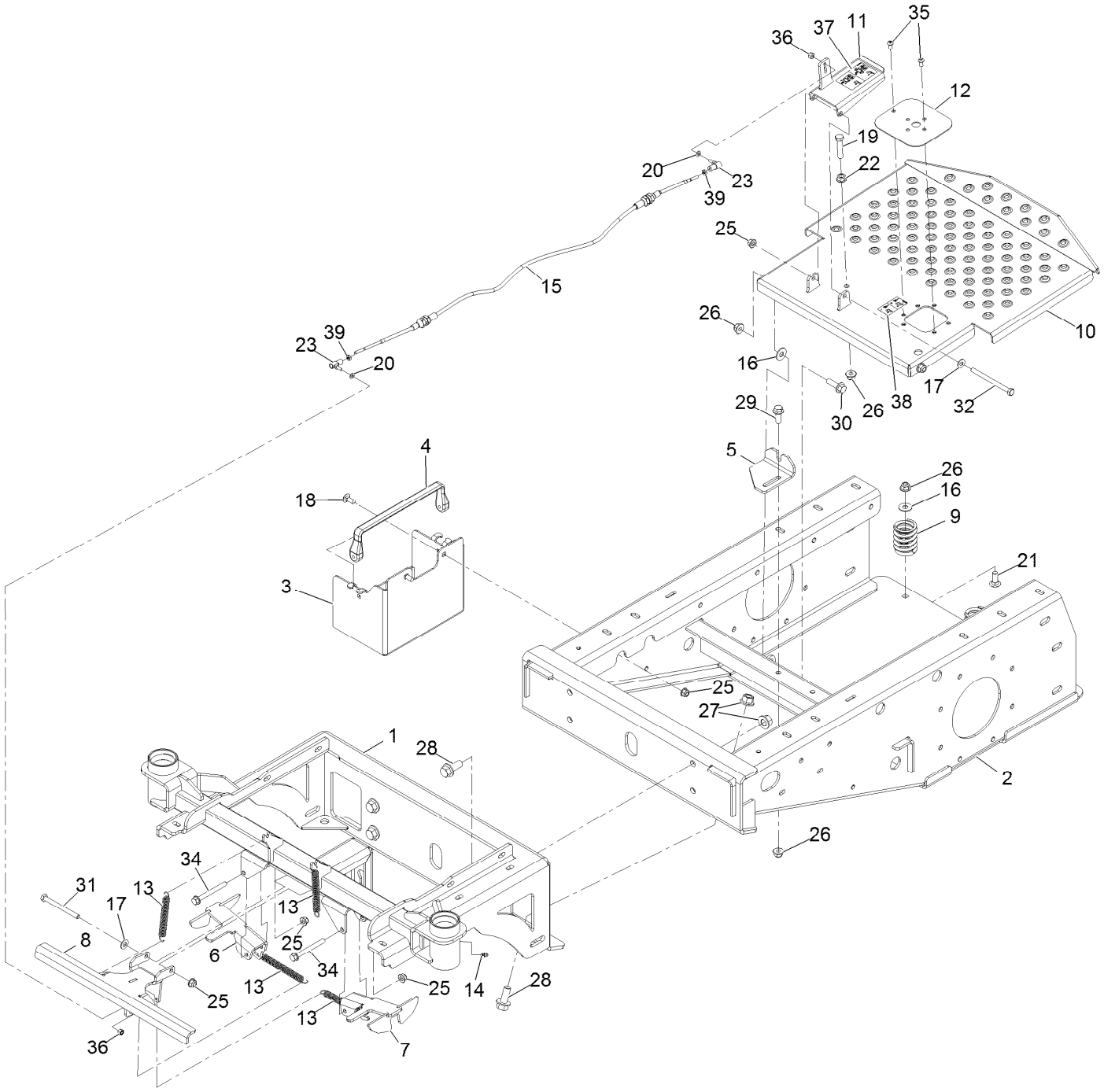
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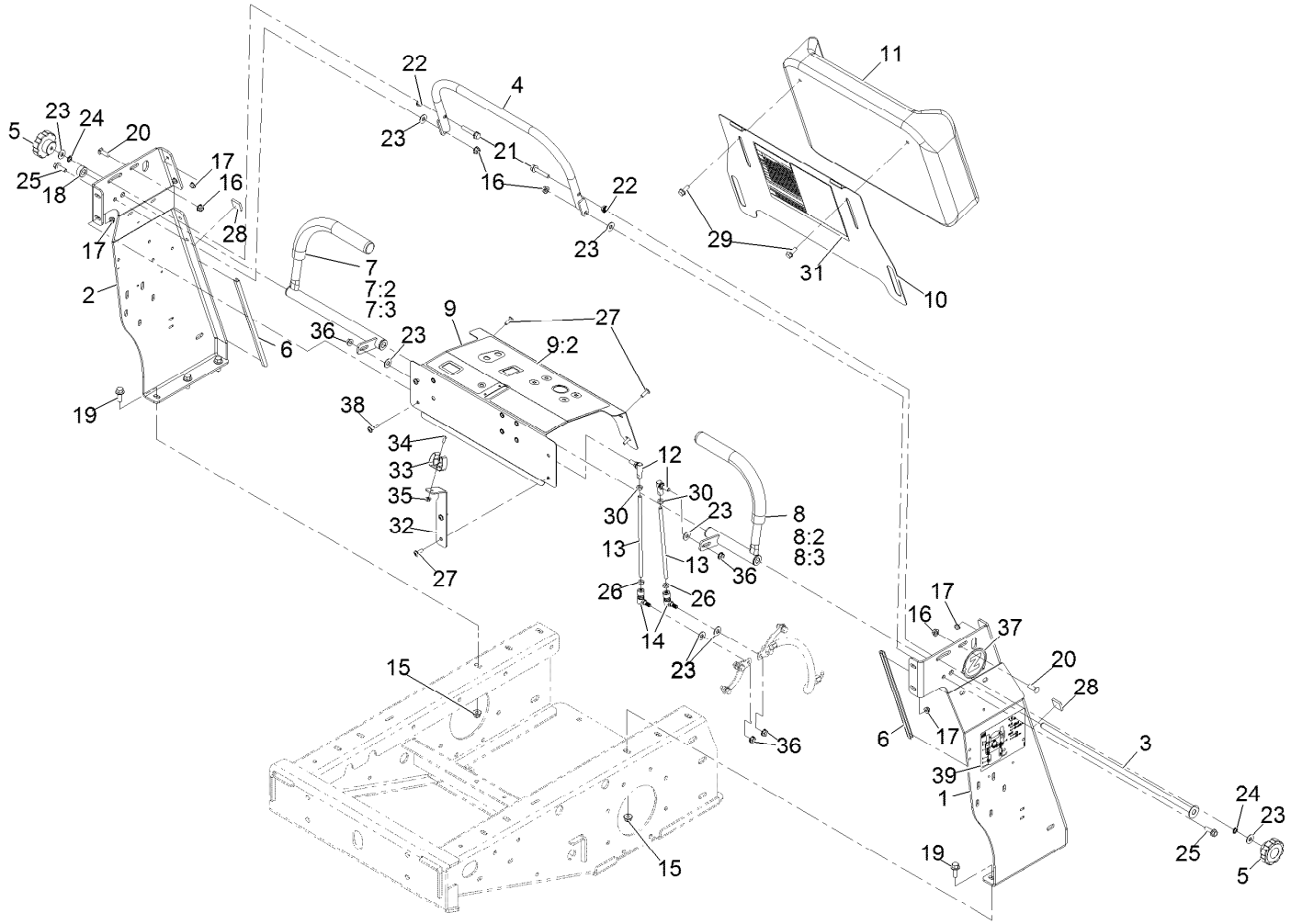
Main Frame Assembly



Main Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5179	1	Frame-Front
2	135-5171	1	Frame-Rear
3	142-3038	1	Box-Battery
4	142-1748	1	Strap, Tarp
5	135-5494	1	Bracket-Cable, Lower
6	135-5195	1	Wing-Capture, Rt
7	135-5194	1	Wing-Capture, Lt
8	135-5369	1	Capture-Lcs
9	135-5654	3	Spring-Compression
10	135-7502	1	Plate-Foot
11	135-5191	1	Pedal-Foot
12	135-5561	1	Panel-Switch, Foot
13	135-5652	4	Spring-Extension
14	302-63	2	Zerk
15	135-5644	1	Cable-Caster, Locking
16	1126	5	Washer-Flat
17	107-0279	2	Washer
18	126-0695	2	Screw-Carriage 5/16-18 X 3/4 SS
19	126-0710	1	Screw-HHF 3/8-16 X 1.75 SS
20	126-0759	2	Washer-Flat
21	126-0980	3	Bolt-Carriage 3/8-16 X 1 SS
22	135-6806	1	Nut-Hex Flange 3/8-16 Serrated SS
23	135-5682	2	Ball Joint-SS
25	135-6109	6	Nut-Hex Flg 5/16-18 Nyloc SS
26	135-6110	7	Nut-Hex Flg 3/8-16 SS W/Patch SS
27	135-6111	6	Nut-Hex Flg 3/8-16 SS W/Patch SS
28	135-6207	6	Screw-HHF 5/16-18 X 1 1/4 SS
29	135-6208	1	Screw-HHF 3/8-16 X 1 Serrated SS
30	135-6211	2	Screw-HHF 3/8-16 X 1 1/4 Serrated SS
31	135-6217	1	Screw-HH 5/16-18 X 3 1/2 SS
32	135-6218	1	Screw-HH 5/16-18 X 4 SS
34	135-6222	2	Screw-HHF 5/16-18 X 3 Serrated SS
35	135-6367	2	Screw-Button Head 1/4-20 X 1/2 SS
36	HDW05856	2	Nut-Hex Nyl Ins #10-32 Unf
37	135-6430	1	Decal-Lock, Caster
38	135-6728	1	Decal-Button, Foot (Spray)
39	520-0019	2	Nut-Hex Jam #10-32 Unf

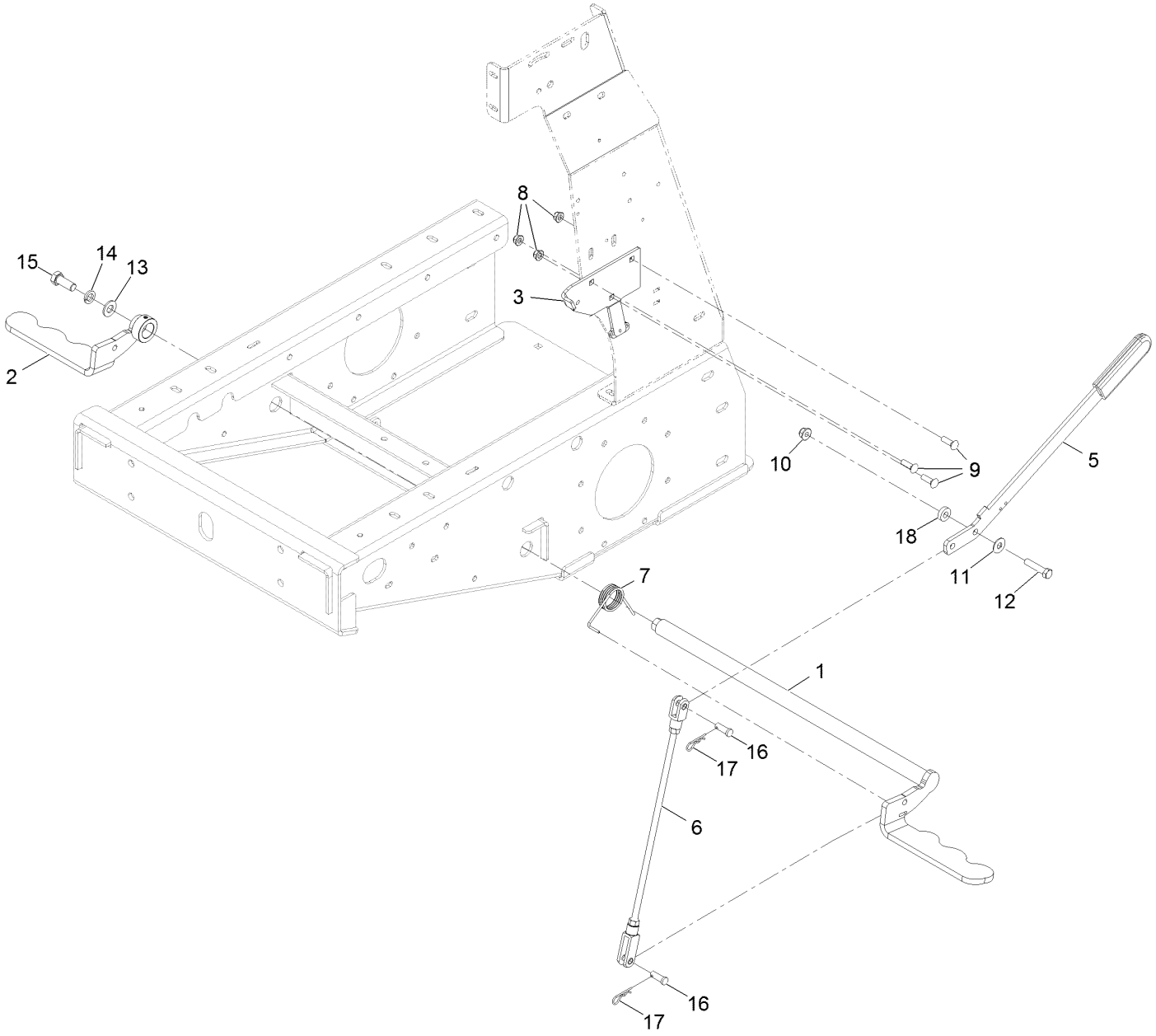
Motion Control Assembly



Motion Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5423-05	1	Upright-Tower, Lt [blk-Txt]
2	135-5425-05	1	Upright-Tower, Rt [blk-Txt]
3	135-5430	1	Rod-Pivot, Joy Stick
4	135-5427-05	1	Bar-Speed [blk-Txt]
5	135-5689	2	Knob-Fluted
6	135-5336	2	Strip-Trim, 12.0 Inch
7	135-5738	1	Stick-Joy, Rt
7:2	1-633257	1	Grip-Control, Motion
7:3	135-5694	2	Bushing-Flange
8	135-5739	1	Stick-Joy, Lt
8:2	1-633257	1	Grip-Control, Motion
8:3	135-5694	2	Bushing-Flange
9	142-3142	1	ASM-Panel, Control
9:2	142-4183	1	Decal-Control Panel
10	135-5498-05	1	Plate-Pad, Knee
11	142-3165	1	Pad-Knee, Z-Logo
12	135-5257	2	Balljoint-SS
13	135-5681	2	Rod-Control, Motion
14	135-5718	2	Ball Joint-Quick Disconnect, SS
15	135-6110	6	Nut-Hex Flg 3/8-16 SS W/Patch SS
16	135-6109	4	Nut-Hex Flg 5/16-18 Nyloc SS
17	135-6108	8	Nut-Hex Flg 1/4-20 Nyloc SS
18	135-6192	1	Collar
19	135-6208	6	Screw-HHF 3/8-16 X 1 Serrated SS
20	HDW17294	2	Bolt-Carriage 5/16-18 X 1 SS
21	135-5779	2	Screw-HHF 5/16-18 X 1 3/4 Serrated SS
22	118-1722	2	Nut-Hex Flange 5/16-18 Serrated SS
23	HDW14535	8	Washer-Flat 5/16 SS
24	135-6286	2	Washer-Lock
25	135-6272	2	Screw-HHF 5/16-18 X 1 Serrated SS
26	107-0282	2	Nut-Hex 5/16-24 Jam SS
27	135-7080	6	Screw-Button Head Flange 1/4-20 X 3/4 SS
28	93-9155	2	Velcro
29	126-2712	2	Screw-HHF 5/16-18 X 3/4 Serrated SS
30	135-6512	2	Nut-Hex 5/16-24 Jam SS LH
31	142-4373	1	Decal-Spray Chart
32	135-5506-05	1	Mount-Gun
33	135-5661	1	Holder-Tool, Clip
34	135-6374	1	Screw-Button Head #10-24 X 1/2 SS
35	135-6342	1	Nut-Hex Flg #10-24 Nyloc SS
36	107-0380	4	Nut-Hex Flg 5/16-24 Unf W/Patch
37	142-3051	2	Decal-Z-Logo
38	135-7081	2	Screw-Button Head Flange 1/4-20 X 1 SS
39	142-3911	1	Decal-Service Aid

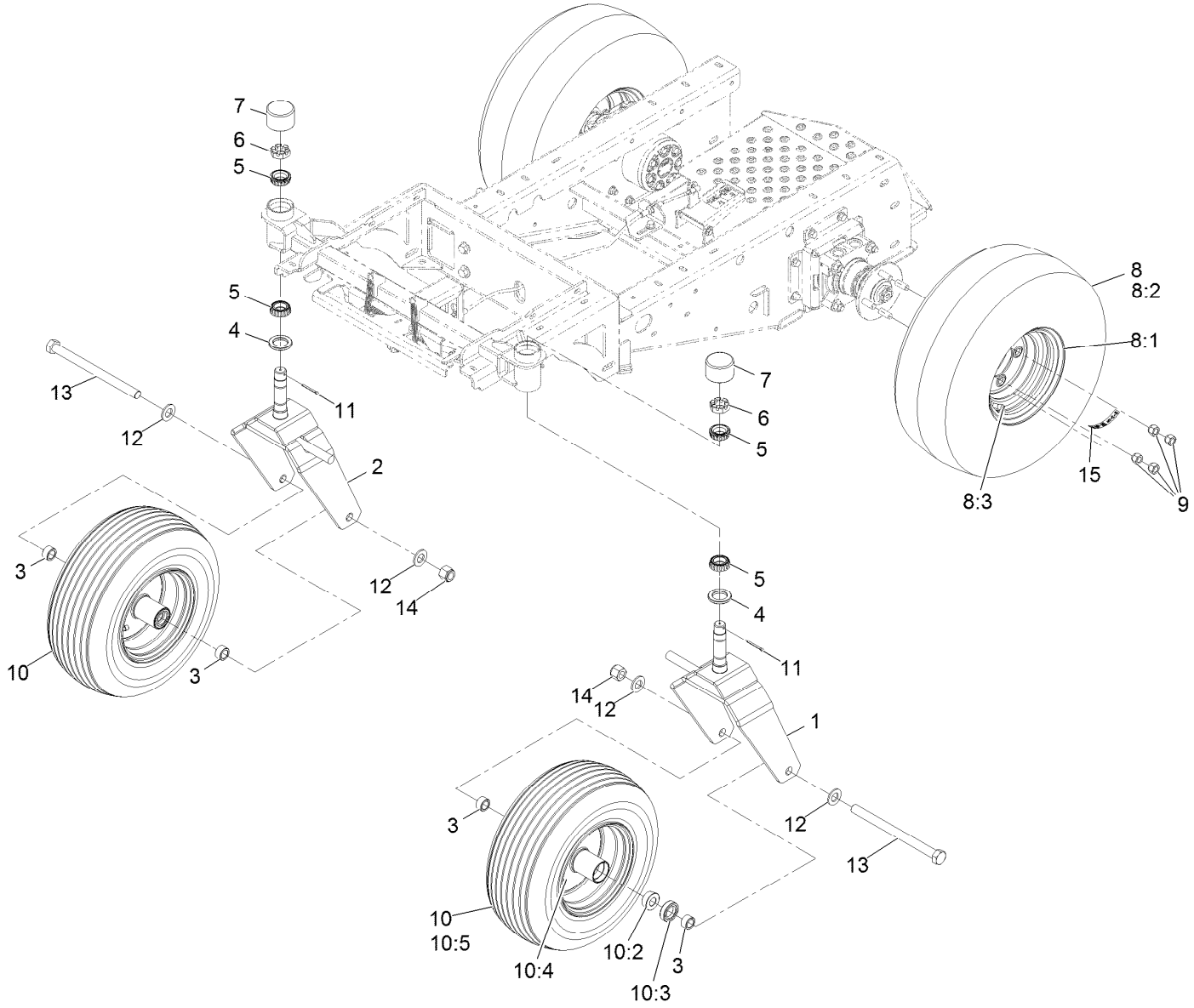
Park Brake Assembly



Park Brake Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5526-03	1	Arm-Brake, Lt [black]
2	135-5529-03	1	Arm-Brake, Rt [black]
3	135-7225	1	Bracket-Handle, Brake
5	135-6058	1	Handle-Brake
6	135-6066	1	Brake Rod ASM
7	135-6106	1	Spring-Torsion
8	135-6109	3	Nut-Hex Flange
9	HDW17294	3	Bolt,Carriage,5/16-18X1,ST/ST 18-8
10	104-8301	1	Nut-HF, NI
11	1126	1	Washer-Flat
12	323-52	1	Screw-HH
13	3256-26	1	Washer-Flat
14	3253-7	1	Washer-Lock
15	106-0378	1	Screw
16	1-808284	2	Pin-Clevis
17	135-6284	2	Pin-Hair
18	5-0652	1	Spacer

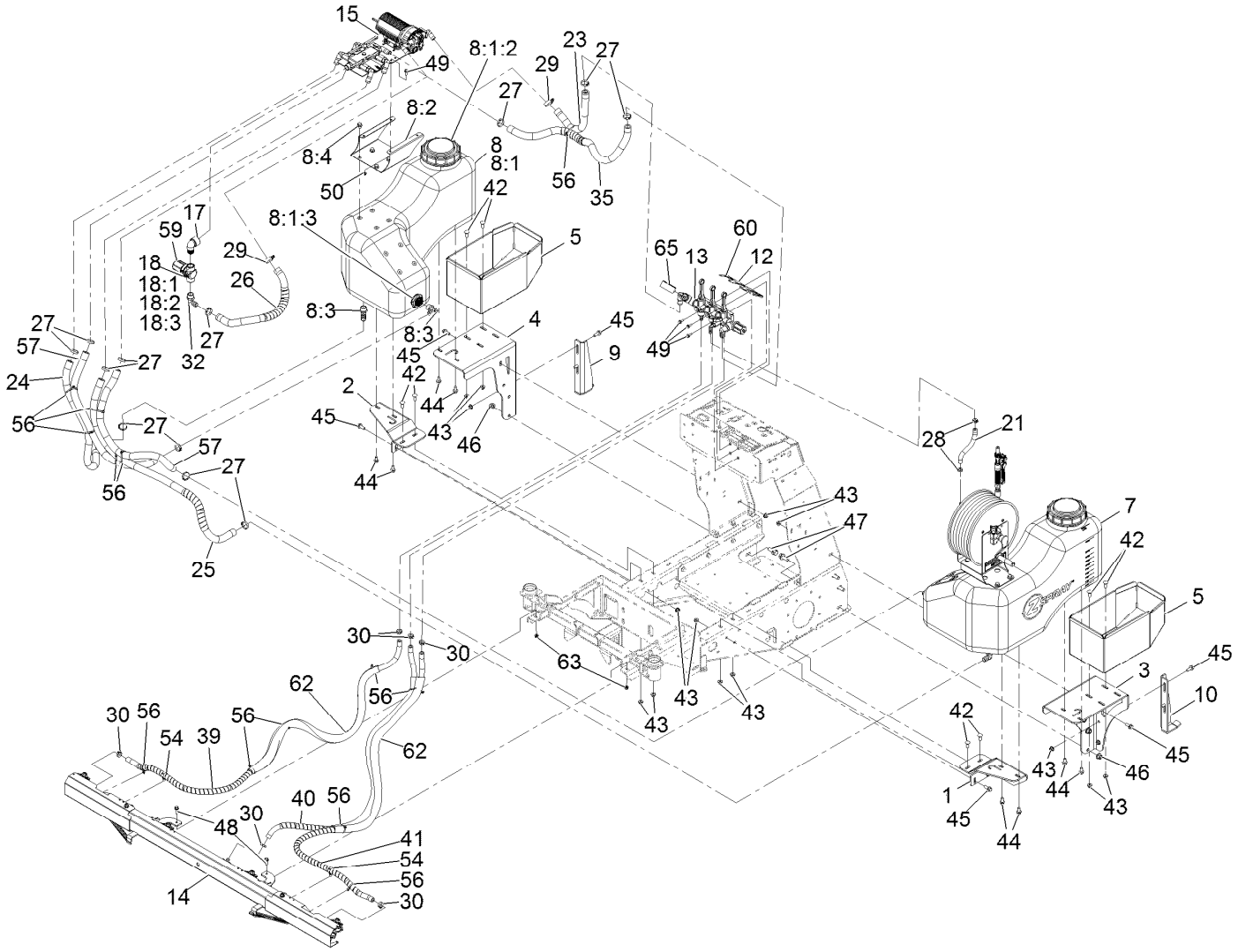
Tire and Wheel Assembly



Tire and Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5441-01	1	Caster-Lt [red]
2	135-5446-01	1	Caster-Rt [red]
3	135-5683	4	Spacer-Axle
4	1-543511	2	Seal-Grease
5	254-92	4	Cone-Bearing, Outer
6	1-809082	2	Nut-Slotted 1-14 Unf
7	135-5756	2	Cap-Dust, Rubber
8	135-5970	2	Wheel And Tire ASM
8:1	135-6679	1	Rim-8X5.375, Centered
8:2	135-5972	1	Tire- 20 X 8 4 Ply
8:3	232-27	1	Stem-Valve
9	242-50	8	Nut-Lug 1/2-20
10	135-5974	2	Wheel And Tire ASM
10:2	1-633585	2	Bearing-Cone Tapered Roller
10:3	103-0063	2	Seal-Double Lip
10:4	5108	1	Valve
10:5	135-5976	1	Tire-Rib
11	135-6292	2	Pin-Cotter
12	3256-28	4	Washer-3/4 SAE
13	135-6300	2	Screw-HH 3/4-10 X 10
14	3296-51	2	Nut-Nyloc 3/4-10
15	126-2055	2	Decal-Torque, Wheel Hub Lug

Spray System Assembly



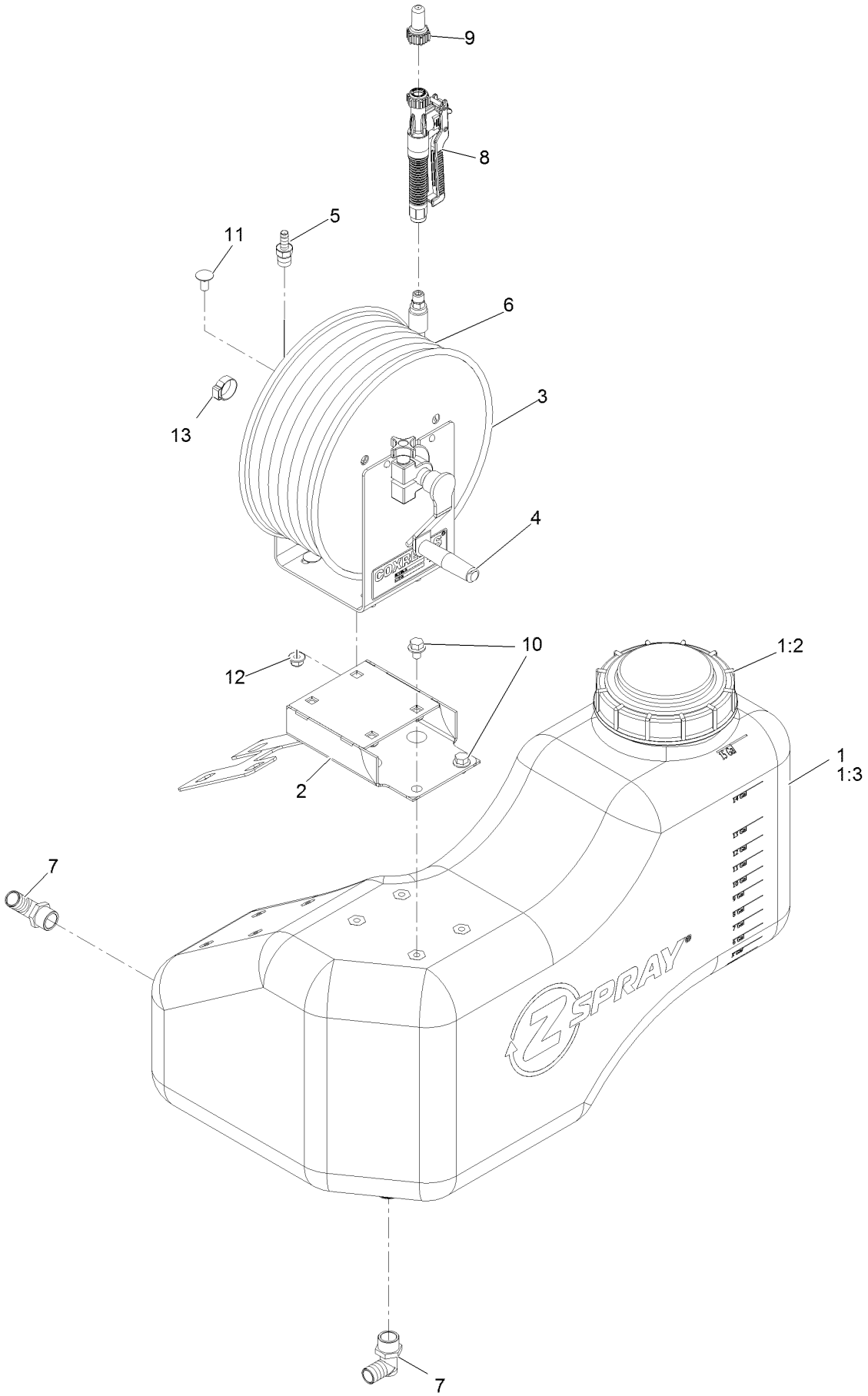
Spray System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5514	1	Mount-Tank, LH Wing
2	135-5515	1	Mount-Tank, RH Wing
3	135-5537	1	Mount-Box, Lt Fert
4	135-5539	1	Mount-Box, Rt Fert
5	142-2446	2	Box-Fert
7		1	ASM-Tank, Hose Reel ■
8		1	ASM-Tank, Rt ■
8:1	142-3061	1	ASM-Tank, Rt
8:1:2	135-5916	1	Cap-Tank, Spray
8:1:3	126-4393	2	Fitting-Bulkhead
8:2	135-5772	2	Fitting-Elbow, 90
8:3	135-5545	1	Platform, Liquid Valve Mount
8:4	135-7096	4	Screw-HHF 3/8-16 X 1/2 SS
9	135-5479	1	Bracket-Anti-Tip, Rt
10	135-5477	1	Bracket-Anti-Tip, Lt
12	135-5570-05	1	Bracket-Manifold
13		1	ASM-Manifold ■
14		1	ASM-Boom, Spray ■
15		1	ASM, Liquid Valve ■
17	132-7706	1	Elbow-90 DEG
18	135-5765	1	Strainer-Inline
18:1	126-7195	1	Bowl-Strainer
18:2	126-2272	1	Gasket-Head, Line Strainer
18:3	135-5766	1	Screen-Strainer, 50 Mesh
21	135-6162	1	Hose-Spray
23	135-6164	1	Hose-Spray
24	135-5326	1	Hose-Spray
25	135-5327	1	Hose-Spray, Wrapped
26	135-5325	1	Hose-Spray, Wrapped
27	135-5890	12	Clamp-Oetiker, 167
28	135-5757	2	Clamp-Oetiker, 167
29	2412-129	2	Clamp-Hose
30	135-5692	6	Clamp-Oetiker, 167
32	135-5772	1	Fitting-Elbow, 90
35	135-6480	1	Hose-Spray, Wrapped
39	135-5270	1	Hose-Spray, Wrapped
40	135-5268	1	Hose-Spray, Wrapped
41	135-5269	1	Hose-Spray, Wrapped
42	126-0980	12	Bolt-Carriage 3/8-16 X 1 SS
43	135-6110	22	Nut-Hex Flg 3/8-16 SS W/Patch SS
44	135-6274	8	Screw-HHF 3/8-16 X 3/4 SS
45	135-6208	10	Screw-HHF 3/8-16 X 1 Serrated SS
46	135-6111	6	Nut-Hex Flg 3/8-16 SS W/Patch SS
47	135-6207	6	Screw-HHF 5/16-18 X 1 1/4 SS
48	135-6272	2	Screw-HHF 5/16-18 X 1 Serrated SS
49	135-6221	7	Screw-HHF 1/4-20 X 3/4 Serrated SS
50	135-6108	4	Nut-Hex Flg 1/4-20 Nyloc SS
54	32180-030	2	Clip-Tie
56	3290-378	13	Tie-Cable
57	135-6441	2	Hose-Spray
59	135-6424	1	Decal-Cap, Strainer
60	142-4366	1	Decal-Valve, Boom
62	135-6484	2	Guard-Mesh
63	135-6109	2	Nut-Hex Flg 5/16-18 Nyloc SS
65	135-5740	1	Gauge
99	3290-379	3	Tie-Cable ●

● Not illustrated

■ Not serviced separately

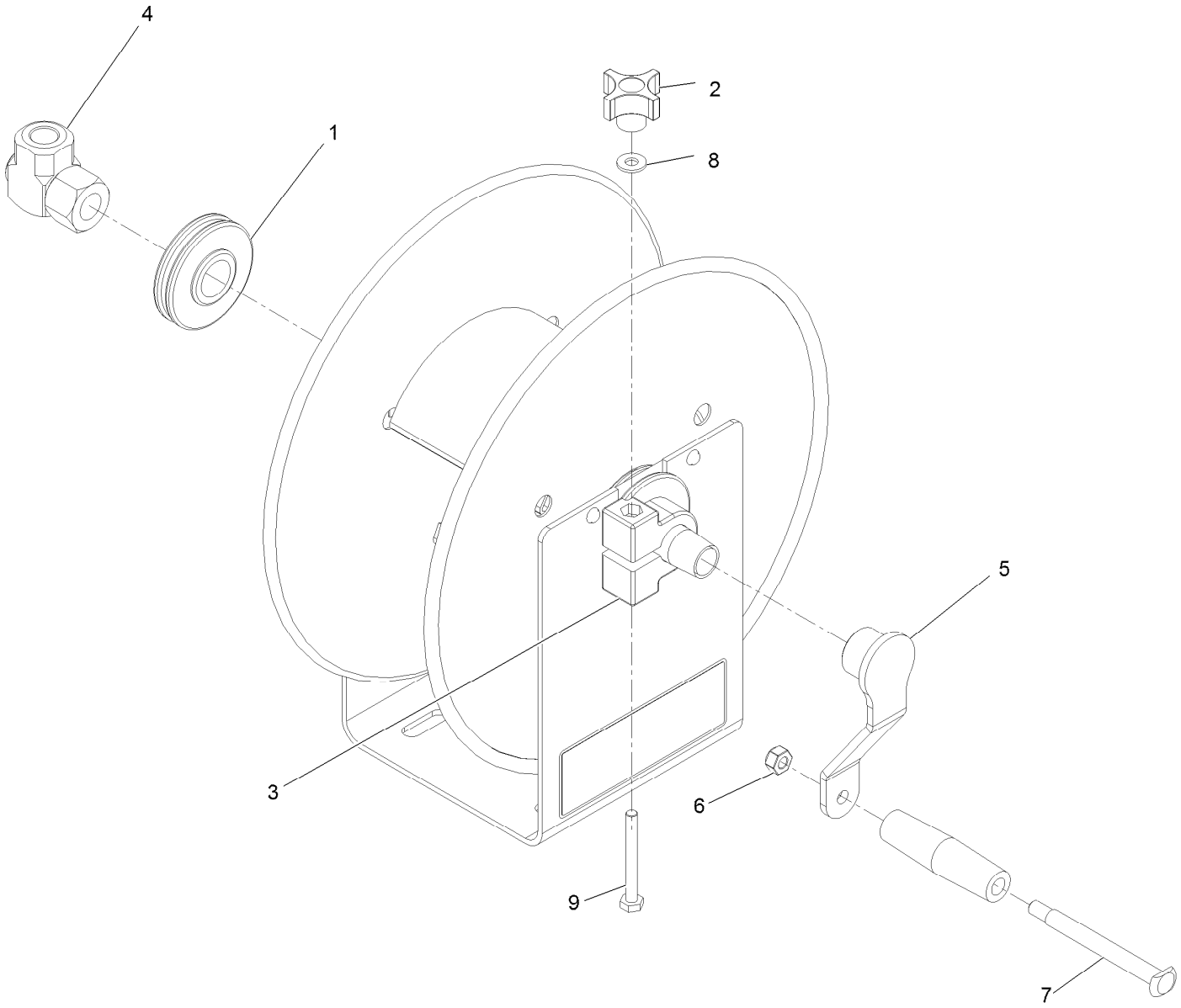
Left Tank Assembly



Left Tank Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-3063	1	ASM-Tank, Lt
1:2	135-5916	1	Cap-Tank, Spray
1:3	126-4393	2	Fitting-Bulkhead
2	135-5521	1	Mount-Reel, Hose
3	135-5787	1	Reel-Hose
4	135-6011	1	Crank-Reel
5	1-513200	2	Fitting,Male
6	135-5794	1	Hose-Spray, 75'
7	135-5772	2	Fitting-Elbow, 90
8	135-5773	1	Gun-Spray, Spot
9	135-5778	1	Tip-Spray, #12 Spot
10	135-7096	2	Screw-HHF 3/8-16 X 1/2 SS
11	135-6271	4	Bolt-Carriage 3/8-16 X 3/4 SS
12	135-6110	4	Nut-Hex Flg 3/8-16 SS W/Patch SS
13	135-5757	1	Clamp-Oetiker, 167

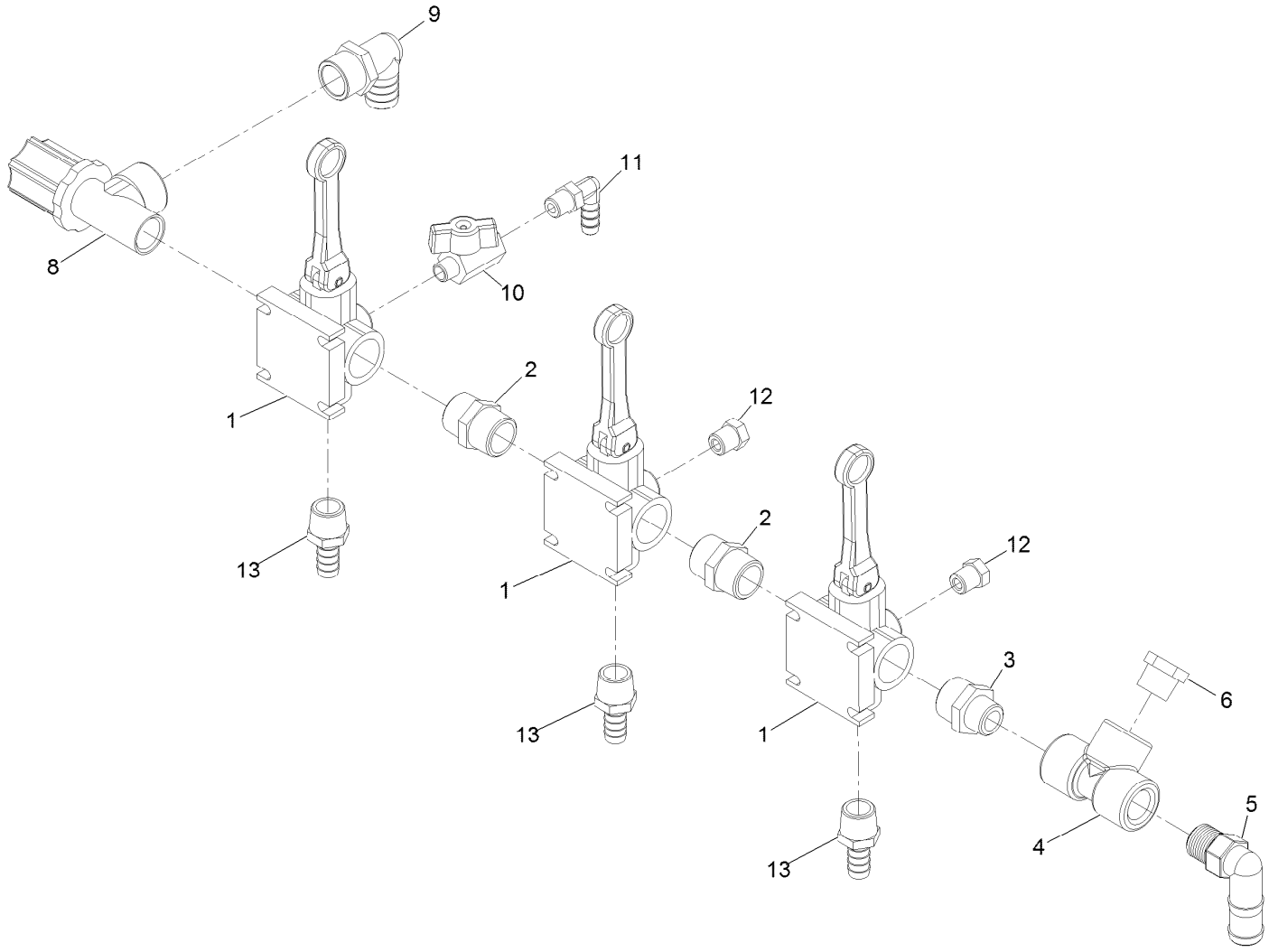
Reel Hose Assembly



Reel Hose Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-8439	1	Plastic Bearing
2	135-8437	1	Hose Reel Brake Knob
3	135-8438	1	Brake/Bearing 6329-1-1
4	135-8421	1	Swivel 3/8" Npt
5	135-6011	1	Crank-Reel
6	119-4038	1	Nut-Hex Nyloc 5/16-18
7	135-8436	1	Bolt, Hose Reel Handle
8	120-9679	1	Washer-Flat
9	321-18	1	Screw-HH 1/4-20 X 2 1/4

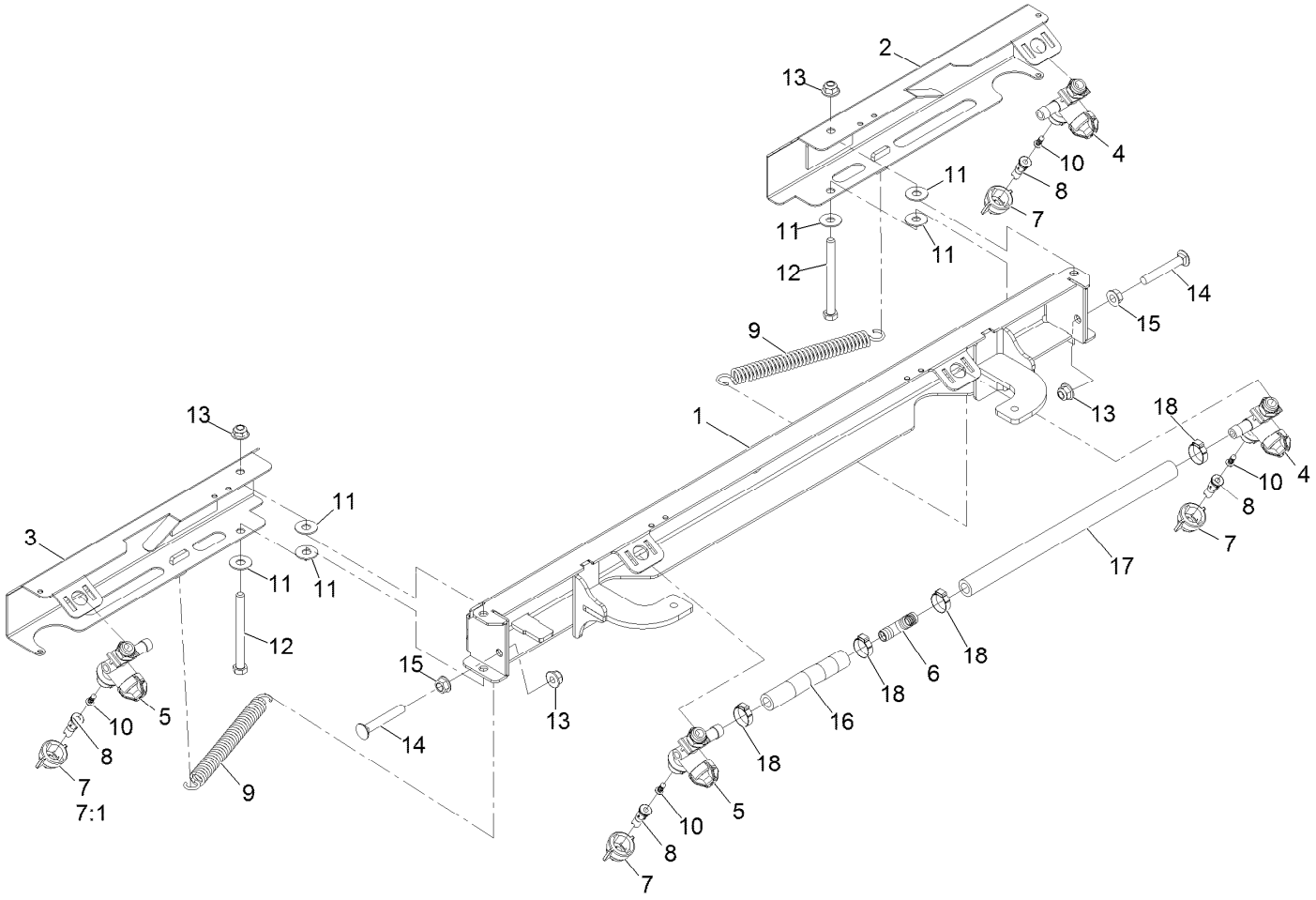
Manifold Assembly



Manifold Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5721	3	Valve-Directo
2	135-5741	2	Fitting-Nipple
3	135-5742	1	Fitting-Nipple
4	94-7100	1	Tee
5	92-8557	1	Elbow-90
6	135-5743	1	Fitting-Reducer
8	135-5736	1	Valve-Throttle
9	135-5772	1	Fitting-Elbow, 90
10	135-5737	1	Valve-Chrome, 1/4
11	135-5745	1	Fitting-Elbow, 90
12	135-5735	2	Plug-Valve
13	120-8671	3	Fitting-Hosebarb

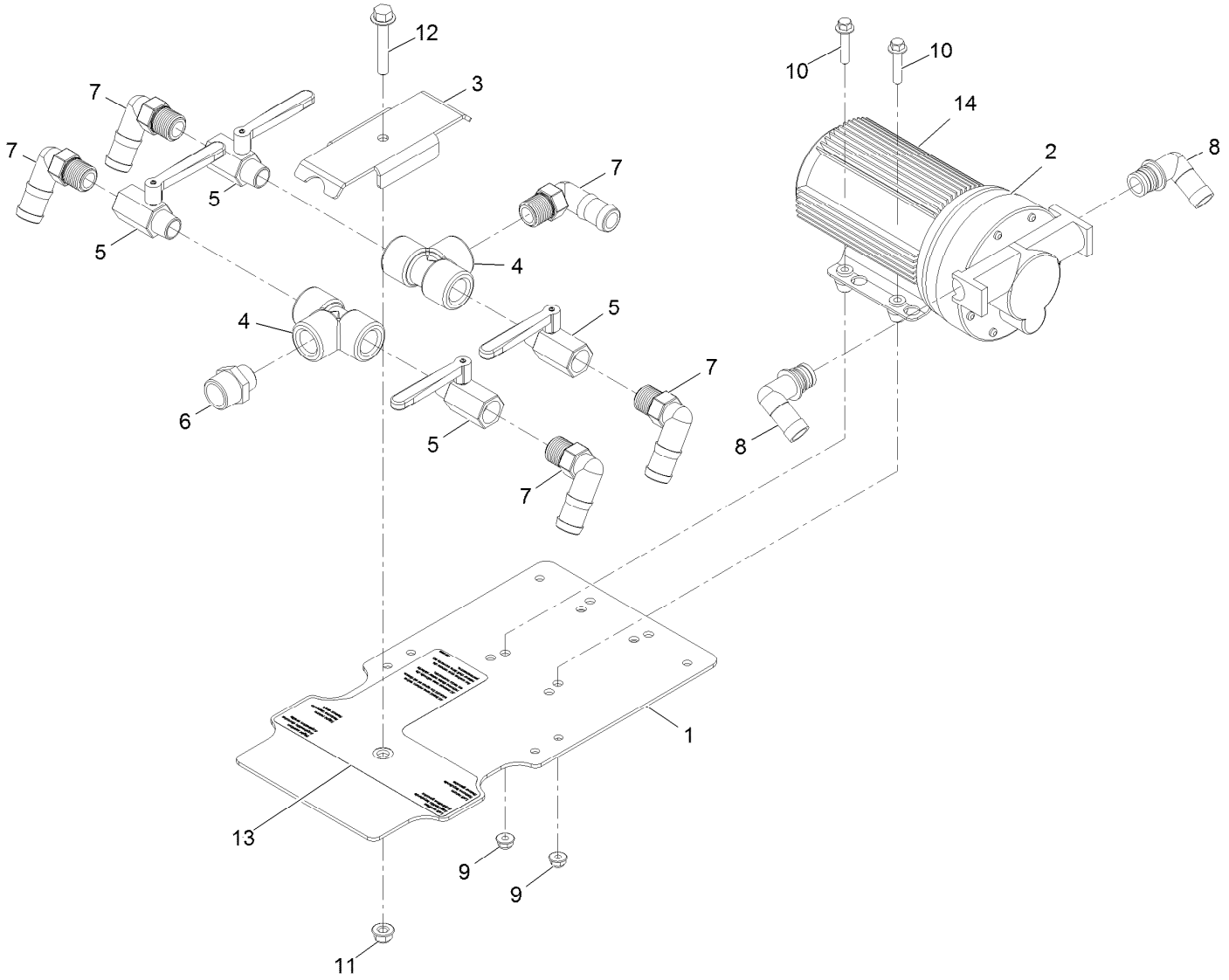
Boom Assembly



Boom Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5480	1	Boom-Center
2	135-5519	1	Boom-Wing, Rt
3	135-5516	1	Boom-Wing, Lt
4	135-5790	2	Body-Nozzle, Right
5	135-5788	2	Body-Nozzle, Left
6	138-2751	1	Fitting-Tee, Barb
7	135-5781	4	Cap-Nozzle
7:1	40998	1	Seat-Gasket
8	142-3308	4	Tip-Spray, 025
9	135-5780	2	Spring-Extension
10	126-3943	4	Strainer-Nozzle, 50M 5PSI Check
11	1126	6	Washer-Flat
12	135-6310	2	Screw-HH 3/8-16 X 4 SS
13	135-6110	4	Nut-Hex Flg 3/8-16 SS W/Patch SS
14	126-0702	2	Bolt-Carriage 3/8-16 X 2 1/2 SS
15	135-6806	2	Nut-Hex Flange 3/8-16 Serrated SS
16	135-6298	1	Hose-Spray
17	135-7129	1	Hose-Spray
18	135-5692	4	Clamp-Oetiker, 167

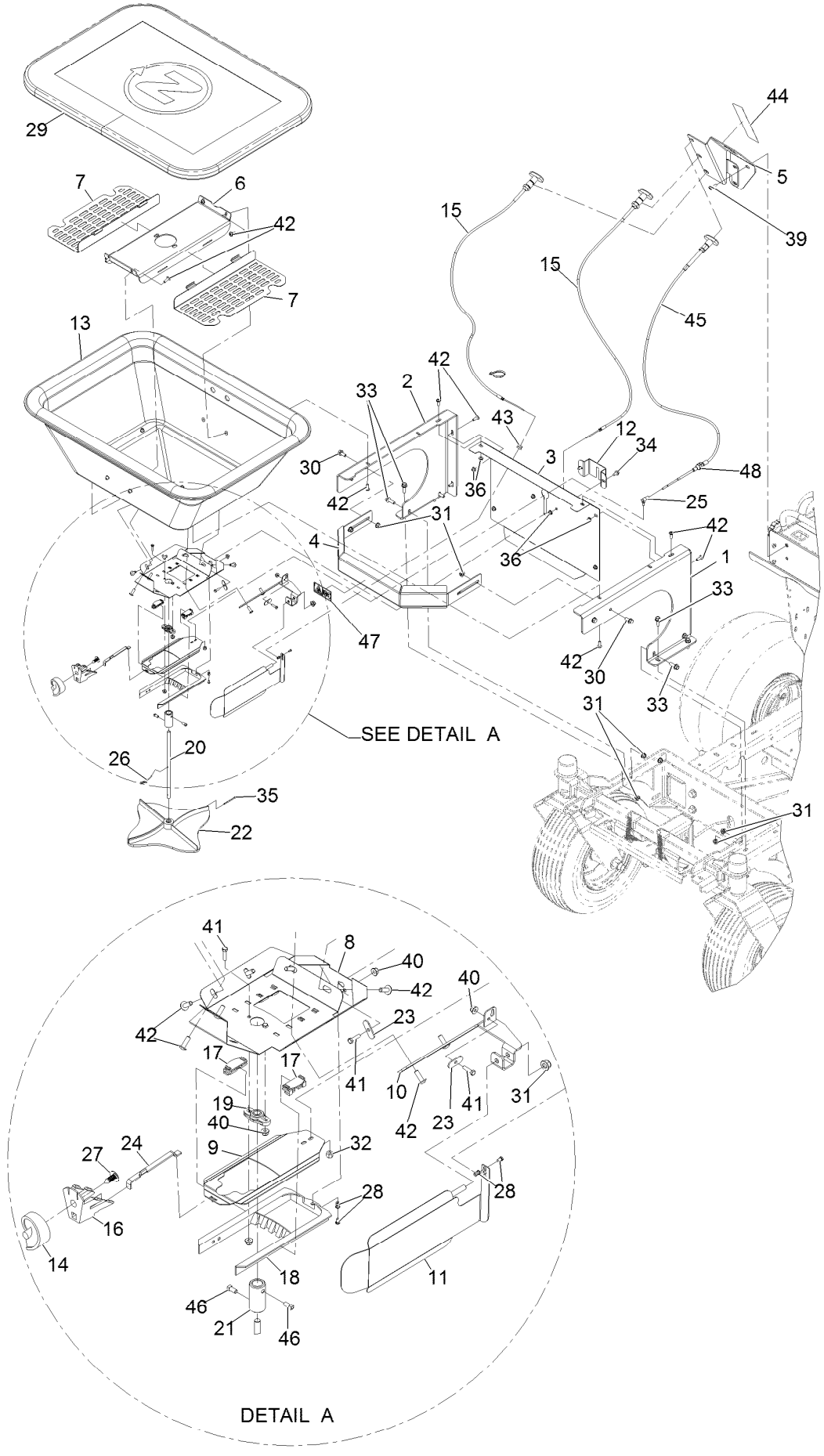
Liquid Valve Assembly



Liquid Valve Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5491	1	Mount-Plate, Liquid Valve
2	142-3321	1	Pump-5.3 GPM
3	135-5504	1	Plate-Clamp, Liquid Valve Fittings
4	94-7100	2	Tee
5	135-5760	4	Valve-Chrome, 1/2
6	135-5742	1	Fitting-Nipple
7	92-8557	5	Elbow-90
8	135-6003	2	Fitting-Elbow, 3/4Qd X 3/4Barb
9	135-6108	4	Nut-Hex Flg 1/4-20 Nyloc SS
10	135-6312	4	Screw-HHF 1/4-20 X 1 1/4 Serrated SS
11	135-6109	1	Nut-Hex Flg 5/16-18 Nyloc SS
12	126-2711	1	Screw-HHF 5/16-18 X 2 Serrated SS
13	135-6420	1	Decal-Valve, Tank
14	142-3322	1	Heatsink-3.0"

Hopper Assembly

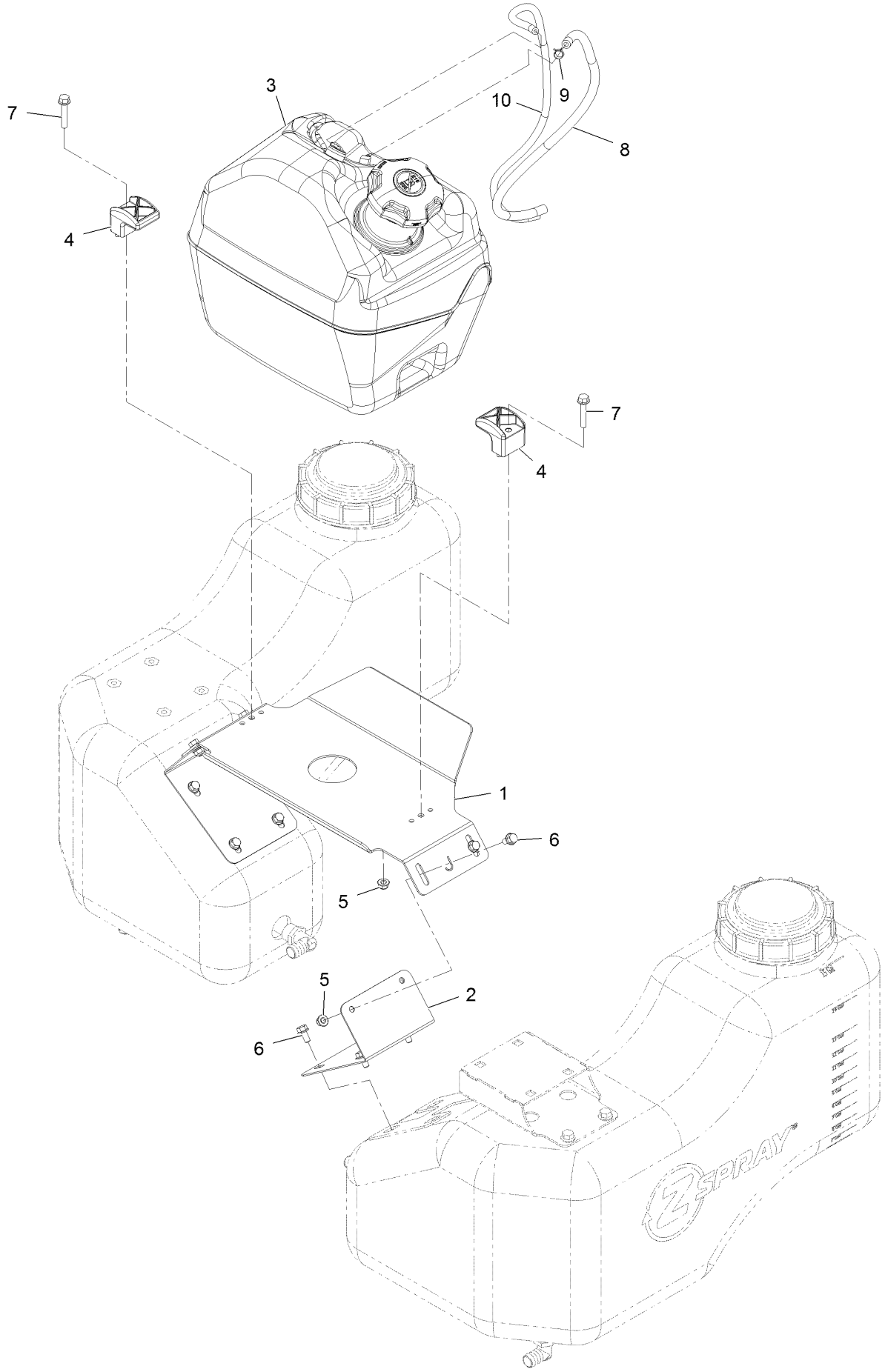


Hopper Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5533	1	Side-Hopper, Rt
2	135-5535	1	Side-Hopper, Lt
3	135-5557	1	Backshield-Hopper
4	135-5567	1	Bumper-Front, Hopper
5	142-3283-05	1	Mount-Speedometer
6	135-5556	1	Pan-Hopper, 150
7	135-5559	2	Screen-Hopper, 150
8	135-5549	1	Plate-Base, Hopper
9	135-5564	1	Door-Slide, Hopper
10	135-5531	1	Mount-Deflector, Side
11	135-5589	1	Deflector-Side, Spreader
12	135-5563	1	Bracket-Hopper, 150 Cable Offset
13	135-6010	1	Hopper-150Lb
14	126-0988	1	Dial
15	135-5931	2	Cable-Push/Pull
16	126-0985	1	Mount-Dial
17	126-0990	4	Guide-Rate, Gate
18	126-0991	1	Diffuser
19	135-5943	1	Bearing-Flange
20	135-6053	1	Shaft-Hopper, 150
21	135-5937	1	Coupler-SS
22	135-5954	1	Spinner-Spreader
23	135-5569	2	Retainer, Cable
24	135-5965	1	Linkage-Gate, Rate
25	135-5682	1	Ball Joint-SS
26	135-5957	1	Wire-Agitator
27	126-0986	1	Clip
28	135-5961	2	Retainer-Cable, Wire
29	142-3082	1	Cover-Hopper, Large
30	126-2712	4	Screw-HHF 5/16-18 X 3/4 Serrated SS
31	135-6109	13	Nut-Hex Flg 5/16-18 Nyloc SS
32	HDW05856	1	Nut-Hex Nyl Ins #10-32 Unf
33	135-6272	8	Screw-HHF 5/16-18 X 1 Serrated SS
34	135-6280	2	Screw-HHF 1/4-20 X 1/2 Serrated SS
35	135-6340	1	Pin-Cotter
36	135-6108	8	Nut-Hex Flg 1/4-20 Nyloc SS
39	135-7081	1	Screw-Button Head Flange 1/4-20 X 1 SS
40	135-6342	4	Nut-Hex Flg #10-24 Nyloc SS
41	135-6356	4	Screw-HH #10-24 X 3/4 SS
42	135-7080	22	Screw-Button Head Flange 1/4-20 X 3/4 SS
43	135-5988	1	Grommet-Rubber
44	142-4365	1	Decal-Hopper Control
45	135-5935	1	Cable-Push/Pull
46	3241-7	2	Screw-SQH 1/4-20 X 1/2
47	135-6725	1	Decal-Dismemberment Hazard
48	520-0019	1	Nut-Hex Jam #10-32 Unf
50	3290-378	1	Tie-Cable ●

● Not illustrated

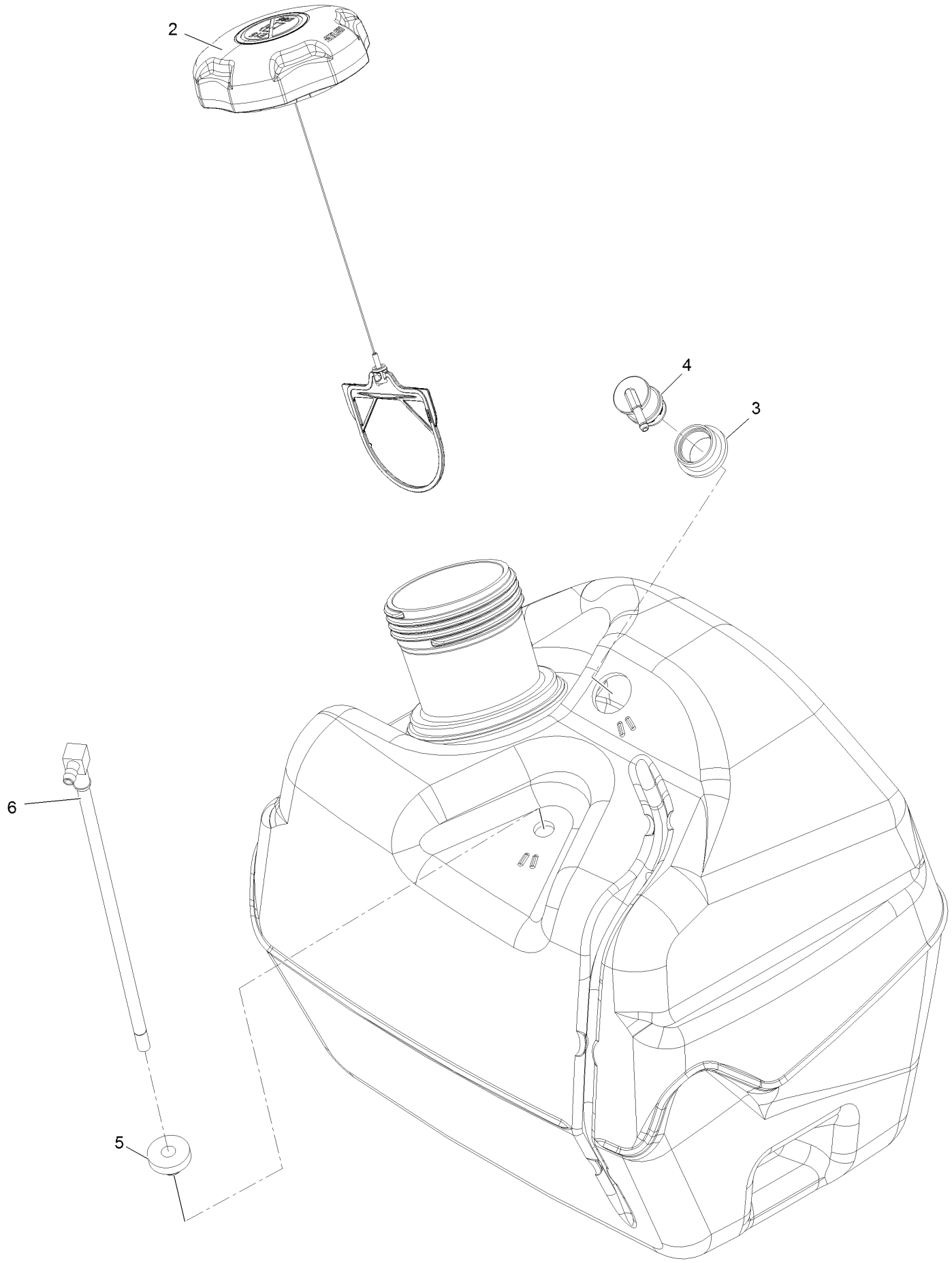
Fuel Assembly



Fuel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-3018	1	Support-Fuel Tank
2	135-5560	2	Bracket-Support, Gas Tank
3	140-4343	1	Fuel Tank ASM, 5 Gal
4	107-4543	2	Clamp
5	135-6109	6	Nut-Hex Flg 5/16-18 Nyloc SS
6	135-7086	12	Screw-HHF 5/16-18 X 5/8 Serrated SS
7	135-5779	2	Screw-HHF 5/16-18 X 1 3/4 Serrated SS
8	109-1395	1	Hose-Fuel Line 27"
9	2412-98	1	Clamp-Hose
10	117-9569	1	Hose-Fuel

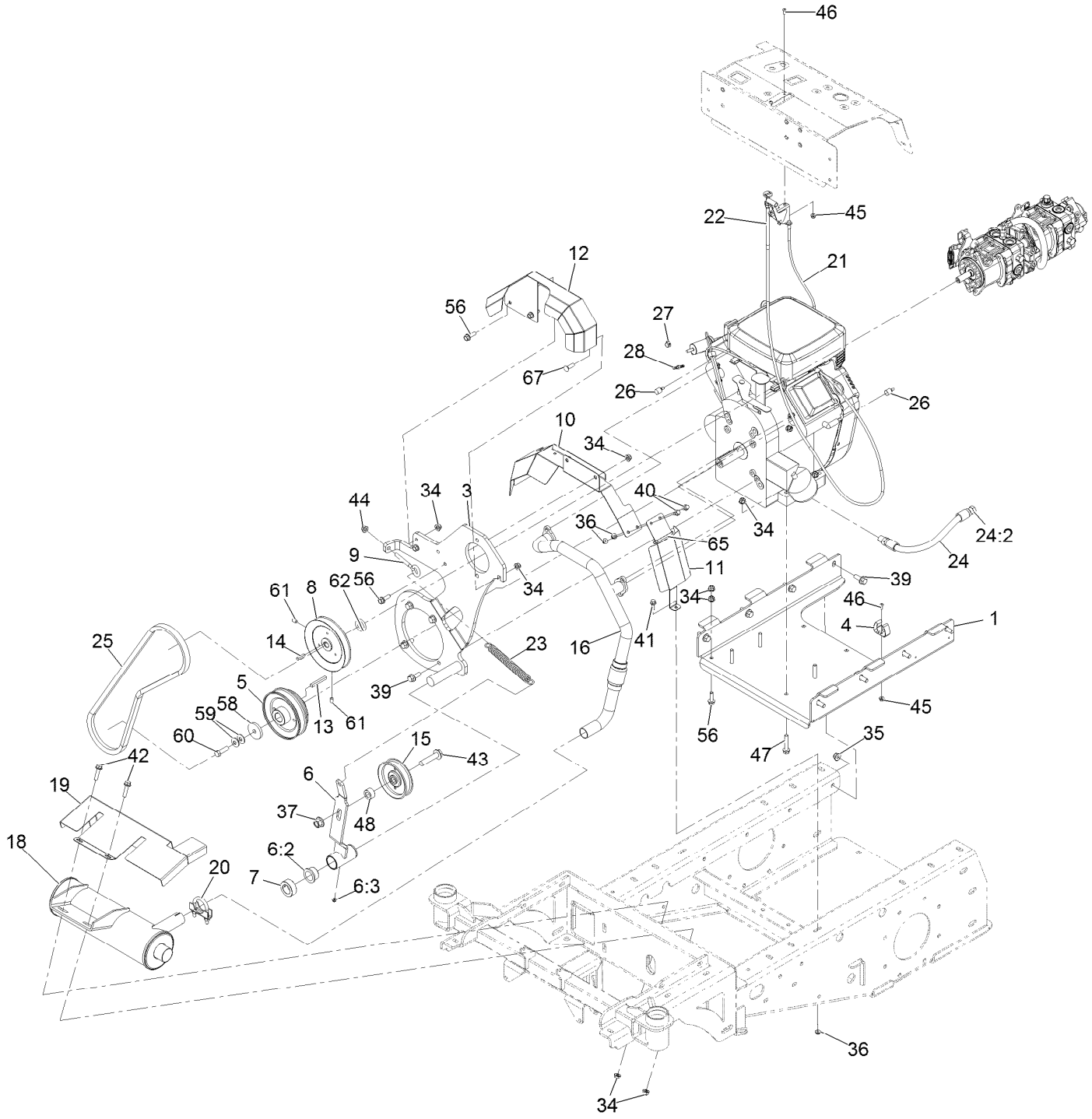
Fuel Tank Assembly No. 140-4343



Fuel Tank Assembly No. 140-4343 (continued)

Ref.	Part Number	Qty.	Description
2	137-4119	1	Cap-Fuel, Ratcheting
3	114-0284	1	Grommet
4	119-3547	1	Valve-Vent, Fuel
5	46-6560	1	Bushing
6	109-9364	1	Fitting-Fuel (W/Line And Screen)

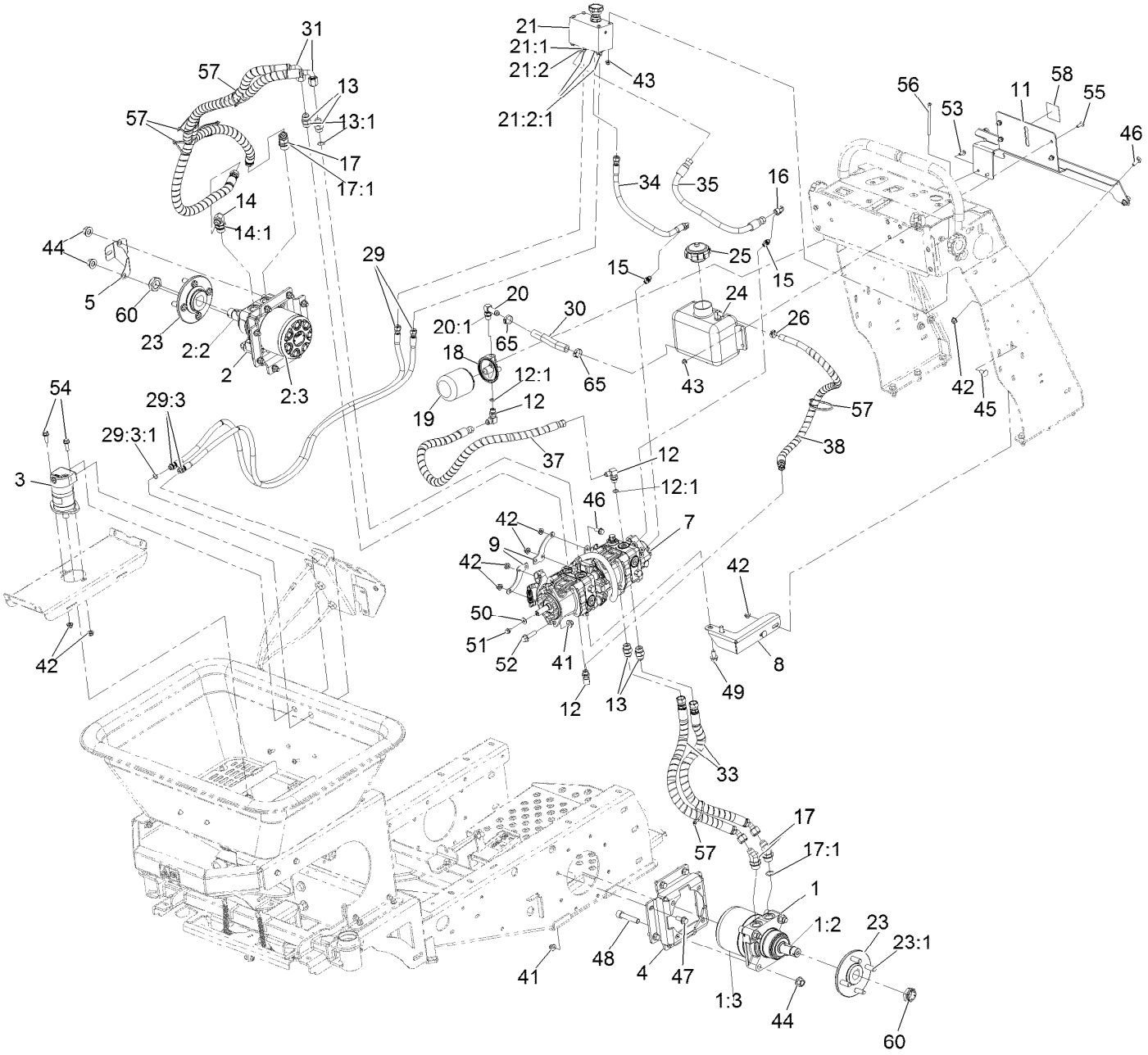
Engine Assembly



Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5492	1	Tray-Engine
3	135-5453-03	1	Bracket-Engine, Pump
4	135-5661	1	Holder-Tool, Clip
5	135-6394	1	Pulley-Double
6	135-5669	1	Tension Arm ASM
6:2	256-132	2	Bushing-Flange
6:3	302-63	1	Zerk
7	135-5382	1	Collar
8	135-5663	1	Pulley-Drive, Pump
9	135-5667	1	Bolt-Eye
10	135-5565	1	Guard-Muffler, Lower
11	135-5566	1	Guard-Muffler, Lower
12	142-3320	1	Guard-Pulley
13	103-4177	1	Key
14	1-807272	1	Key-5Mm X 5Mm X 25Mm
15	135-5662	1	Pulley-Idler, Flat
16	135-7089	1	Manifold-Exhaust
18	135-7090	1	Muffler
19	135-5568	1	Shield-Heat, Muffler
20	2112-11	1	Clamp-Muffler
21	135-5260	1	Cable-Throttle
22	135-5707	1	Cable-Choke
23	135-5780	1	Spring-Extension
24	135-5365	1	Oil Drain Hose ASM (W/Plug)
24:2	AU218-774	1	Plug
25	135-5664	1	Belt-V
26	135-5677	2	Tube-Shrink, Heat
27	2412-98	1	Clamp-Hose
28	120-1996	1	Fitting-STR
34	135-6109	13	Nut-Hex Flg 5/16-18 Nyloc SS
35	135-6110	8	Nut-Hex Flg 3/8-16 SS W/Patch SS
36	135-6108	3	Nut-Hex Flg 1/4-20 Nyloc SS
37	99-5107	1	Nut-Lock 1/2-13
39	135-6208	12	Screw-HHF 3/8-16 X 1 Serrated SS
40	135-6280	2	Screw-HHF 1/4-20 X 1/2 Serrated SS
41	135-6221	1	Screw-HHF 1/4-20 X 3/4 Serrated SS
42	135-6261	2	Screw-HHF 5/16-18 X 1 1/4 Serrated SS
43	3234-46	1	Screw-HHF 1/2-13 X 2 1/4
44	104-8300	1	Nut-Nyloc 5/16-18 Flg
45	135-6342	3	Nut-Hex Flg #10-24 Nyloc SS
46	135-6374	3	Screw-Button Head #10-24 X 1/2 SS
47	135-5779	4	Screw-HHF 5/16-18 X 1 3/4 Serrated SS
48	116-2959	1	Spacer
56	135-6272	5	Screw-HHF 5/16-18 X 1 Serrated SS
58	110-9981	1	Washer-Plain
59	3290-340	2	Washer-Belleville
60	3211-5	1	Screw-HH 3/8-24 X 1 1/4
61	3246-17	2	Screw-Set 5/16-24 X 1/2
62	1-323539	1	Spacer-Blade Drive
65	3290-378	1	Tie-Cable
67	HDW17294	1	Bolt-Carriage 5/16-18 X 1 SS

Hydraulic Assembly

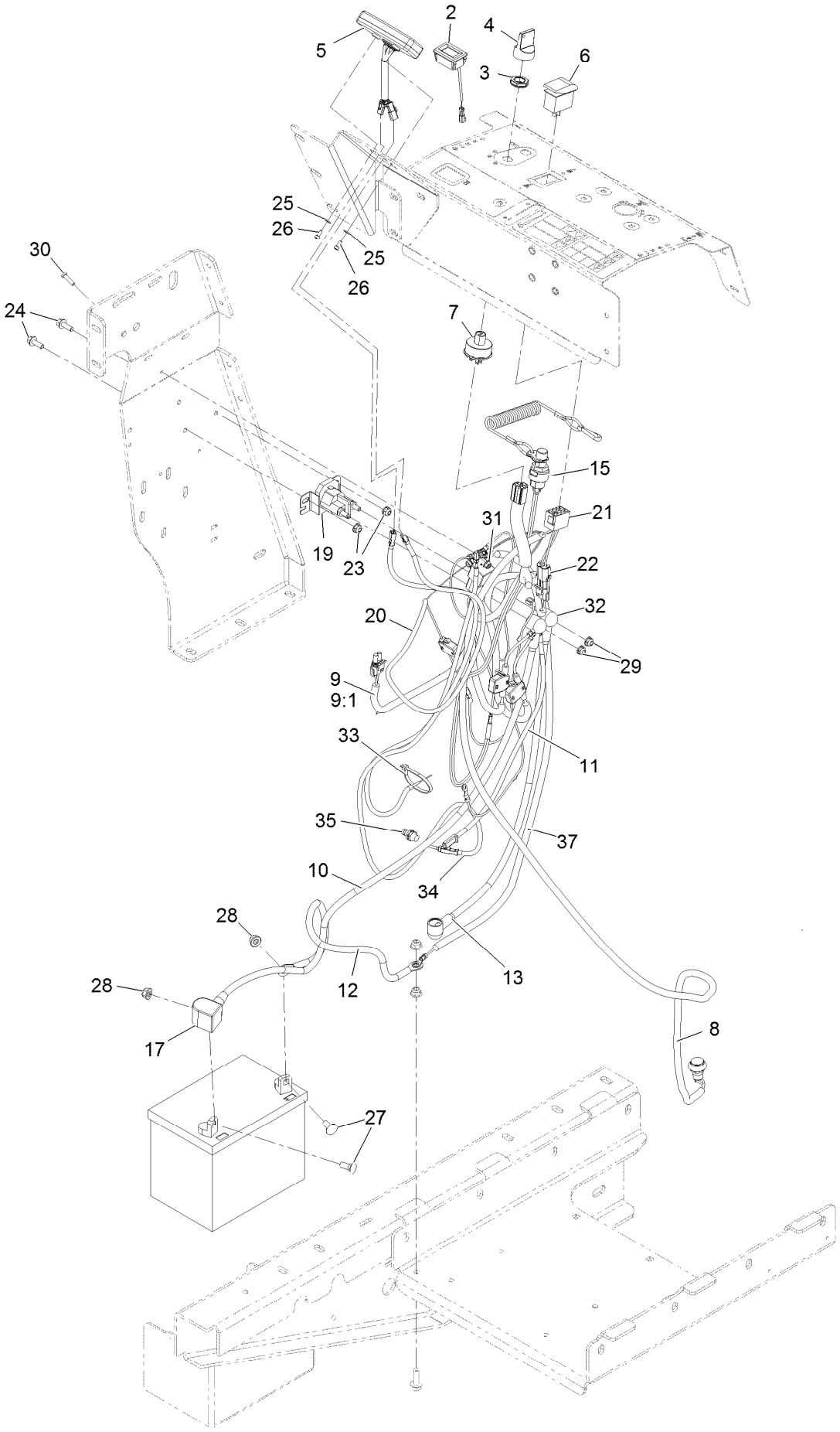


Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-5230	1	Motor-Wheel, LH
1:2	3257-42	1	Key-Woodruff 5/16 X 1
1:3	103-6994	1	Seal Kit
2	135-5231	1	Motor-Wheel, RH
2:2	3257-42	1	Key-Woodruff 5/16 X 1
2:3	103-6994	1	Seal Kit
3	135-5243	1	Motor-Hydraulic, Spreader
4	135-5524	2	Mount-Motor, Wheel
5	135-5574	1	Bracket-Hopper, Speedometer Sensor
7	135-5665	1	Pump-Tandem
8	135-5551	1	Bracket-Support, Hydro Pump
9	135-5558	2	Extension-Pump, Hydro
11	135-5550	1	Mount-Tank And Filter, Hydraulic
12	103-1802	3	Fitting-Elbow, 90 DEG
12:1	237-42	1	O-Ring
13	353-388	4	Fitting-Straight
13:1	237-79	1	O-Ring
14	353-426	1	Fitting-90 DEG
14:1	237-80	1	O-Ring
15	353-545	2	Fitting-Straight
16	135-5680	1	Fitting-Swivel, 90 DEG
17	135-5696	3	Fitting-Elbow, 45 DEG
17:1	237-80	1	O-Ring
18	104-7836	1	Filter-Head
19	109-4180	1	Element, Oil Filter
20	109-6449	1	Fitting-Elbow, 90
20:1	237-42	1	O-Ring
21	142-4324	1	Manifold-Flow Control, Hopper
21:1	01-201-0780	3	HYD Fitting 6400-4-6
21:2	353-212	1	Fitting-Elbow, 45 DEG
21:2:1	237-42	1	O-Ring
23	135-7525	2	Hub-Wheel
23:1	135-7526	4	Stud-1/2-20 X 1.55
24	135-5712	1	Tank-Hydraulic, Plastic
25	135-5713	1	Cap-Vented
26	135-5757	1	Clamp-Oetiker, 167
29	142-3110	2	Hose ASM-HYD HP
29:3		1	Fitting-Straight, Rigid ●
29:3:1	237-42	1	O-Ring
30	109-5577	1	Hose-Hydraulic
31	142-3115	2	Hose ASM-HYD HP
33	142-3117	2	Hose ASM-HYD HP
34	142-3113	1	Hose ASM-HYD HP
35	135-5361	1	Hose ASM, HYD LP
37	135-5385	1	Hose ASM, HYD LP
38	135-5456	1	Hose ASM, HYD LP
41	135-6110	18	Nut-Hex Flg 3/8-16 SS W/Patch SS
42	135-6109	12	Nut-Hex Flg 5/16-18 Nyloc SS
43	135-6108	8	Nut-Hex Flg 1/4-20 Nyloc SS
44	99-5107	8	Nut-Lock 1/2-13
45	126-0695	2	Screw-Carriage 5/16-18 X 3/4 SS
46	126-2712	8	Screw-HHF 5/16-18 X 3/4 Serrated SS
47	135-6208	16	Screw-HHF 3/8-16 X 1 Serrated SS
48	3274-71	8	Screw-HSH 1/2-13 X 2 1/2
49	135-6274	2	Screw-HHF 3/8-16 X 3/4 SS
50	135-6273	1	Washer
51	81-1280	1	Screw-HHF M6-1 X 10Mm
52	135-6278	2	Screw-HHF 3/8-16 X 1 1/2 Serrated SS
53	135-6280	2	Screw-HHF 1/4-20 X 1/2 Serrated SS
54	135-6272	2	Screw-HHF 5/16-18 X 1 Serrated SS
55	135-7080	4	Screw-Button Head Flange 1/4-20 X 3/4 SS
56	135-6385	4	Screw-Button Head 1/4-20 X 3 1/2 SS
57	3290-378	6	Tie-Cable
58	135-6398	1	Decal-Oil
60	116-1399	2	Locknut
65	135-5692	2	Clamp-Oetiker, 167

● Not serviced separately

Electrical Assembly



Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
2	135-5259	1	Meter-Tach/Hour
3	135-5715	1	Nut-Switch, Key
4	1-603511	1	Key-Ignition
4	135-5708	1	Key-Umbrella
5	135-8900	1	Striker-Head Only
6	100-8469	1	Switch-Rocker
7	135-6052	1	Switch-Ignition
8	135-6054	1	Switch-Push Button
9	135-6113	1	Harness-Main
9:1	135-6270	1	Relay-Mini ISO Pwr, 5M
10	135-6114	1	Cable-Positive
11	135-6115	1	Wire-Solenoid
12	135-6116	1	Cable-Ground
13	135-6117	1	Cable-Positive
15	135-6121	1	Switch-Op
17	135-2304	1	Insulator-Battery
19	135-6189	1	Solenoid-Starter
20	135-6443	1	Harness-Striker
21	32160-008	1	Connector-Carling, 8F
22	32160-072	1	Connector-Wp,2M
23	135-6108	2	Nut-Hex Flg 1/4-20 Nyloc SS
24	135-6221	2	Screw-HHF 1/4-20 X 3/4 Serrated SS
25	126-0759	2	Washer-Flat
26	135-6357	2	Screw-HSH M4-0.7 X 10Mm
27	126-0695	2	Screw-Carriage 5/16-18 X 3/4 SS
28	135-6109	2	Nut-Hex Flg 5/16-18 Nyloc SS
29	104-7201	2	Nut-Nyloc 1/4-20 Flg
30	135-6356	1	Screw-HH #10-24 X 3/4 SS
31	135-6342	1	Nut-Hex Flg #10-24 Nyloc SS
32	1-543393	3	Insulator-Solenoid
33	3290-378	9	Tie-Cable
34	135-8898	1	Cable-Sensor, Trail Tech
35	135-8903	1	Magnet-Speedometer
37	135-3998	1	Harness-Wire, Jumper
99	135-7317	1	Manual-User, Striker ●
99	135-7318	1	Card-Striker, Quick Start ●

● Not illustrated



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