Form No. 3467-784 Rev E

TORO®

Count on it.

Parts Catalog

Groundsmaster® e3200

2-Wheel Drive Traction Unit

Model No. 31800—Serial No. 416500000 and Up

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

CE

3467-784 E

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.

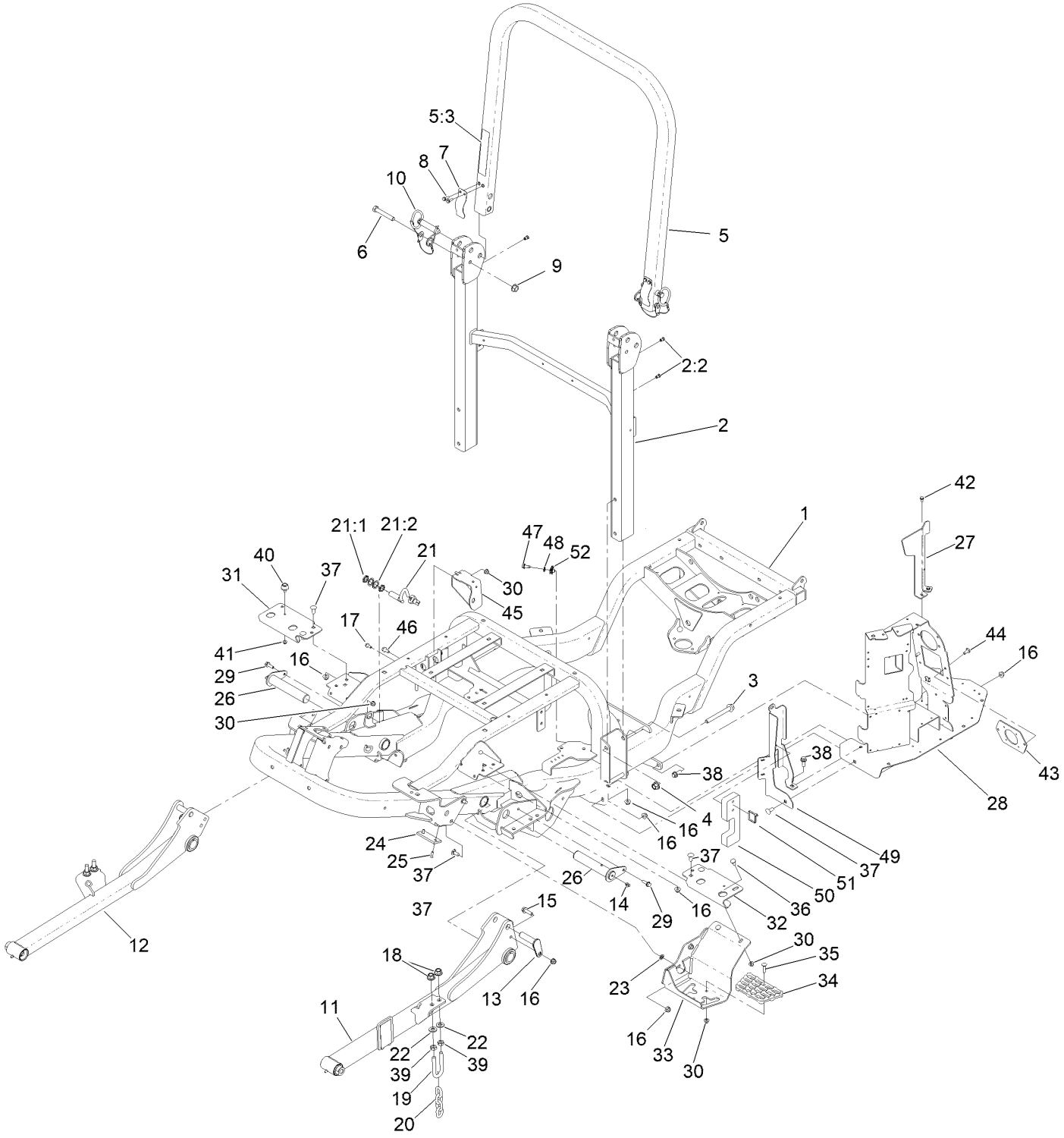
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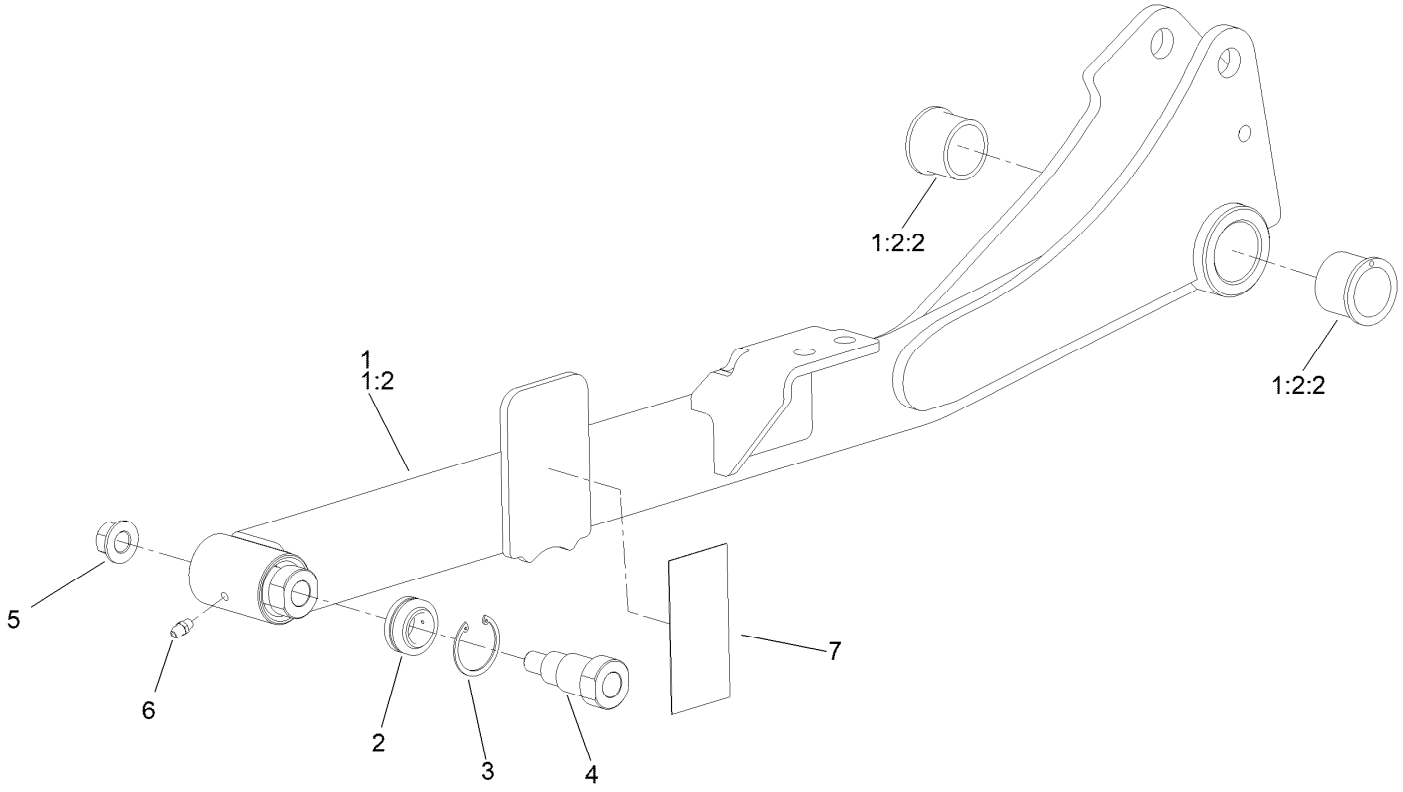
Frame and Roll-Over Protection System Assembly



Frame and Roll-Over Protection System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-0980-03	1	Frame ASM
2	139-6254	1	Lower ROPS ASM
2:2	138-2758	4	Nut-Clinch,Hex
3	117-3176	4	Screw-HHF
4	99-5107	4	Nut-HF Nylock
5	138-7470	1	ROPS ASM, Upper
5:3	108-2073	1	Decal-Warning
6	325-13	2	Screw-HH
7	110-5696	2	Spring-Leaf
8	32105-15	4	Screw-HWH
9	32128-23	2	Nut-HF
10	161-4477	2	ROPS Pin ASM
11	144-3943	1	Lift Arm ASM. LH
12	144-3942	1	Lift Arm ASM. RH
13	138-7489	2	Pin (Machined)
14	302-40	2	Fitting-Grease, 90 DEG
15	119-4061	2	Screw-HHF
16	104-8301	11	Nut-HF, NI
17	99-6810	1	Screw-HHF
18	99-5107	4	Nut-HF Nylock
19	104-0108	2	U-Bolt
20	95-6231	2	Chain-HOC
21	115-5300	1	Proximity Sensor ASM
21:1	117-3207	2	Nut-Hex
21:2	117-3208	2	Washer-Lock, Internal Tooth
22	3256-26	4	Washer-Flat
23	107-3154	2	Nut-Push
24	138-4452	2	Pad-Stop, Deck
25	3289-4	4	Screw-FH
26	145-1130	2	Pin
27	161-0822-0P	1	Bracket-Deflector
28	145-1032-03	1	Charge Panel, Welded
29	3234-29	2	Screw-HHF
30	104-8300	6	Nut-HF, NI
31	139-0940-03	1	Bracket-Tank Mount, Front RH
32	138-7365-03	1	Bracket-Tank Mount, Front LH
33	139-0927-01	1	Bracket-Mount, Step
34	126-4781	1	Step-Deck
35	3230-3	1	Screw-CARR
36	3230-23	2	Bolt-CARR
37	3231-27	7	Screw-CARR
38	3234-42	2	Screw-HHF
39	3218-5	4	Nut-Jam
40	109-2365	1	Bumper-Rubber
41	104-7201	2	Nut-HF, NI
42	32144-4	2	Screw-HWH
43	161-0851-03	1	Adapter-Charger
44	138-9753	2	Screw
45	161-7639-0P	1	Bracket-Cable
46	139-2598	1	Screw-HHF
47	145-5783	1	Screw-Sems
48	3256-1	1	Washer-Flat
49	161-7629-03	1	Shield-Pdu
50	161-7628	1	Foam-Seal, Cable
51	3290-379	1	Tie-Cable
52	126-3739	1	Nut-Retainer

LH Lift Arm Assembly No. 144-3943

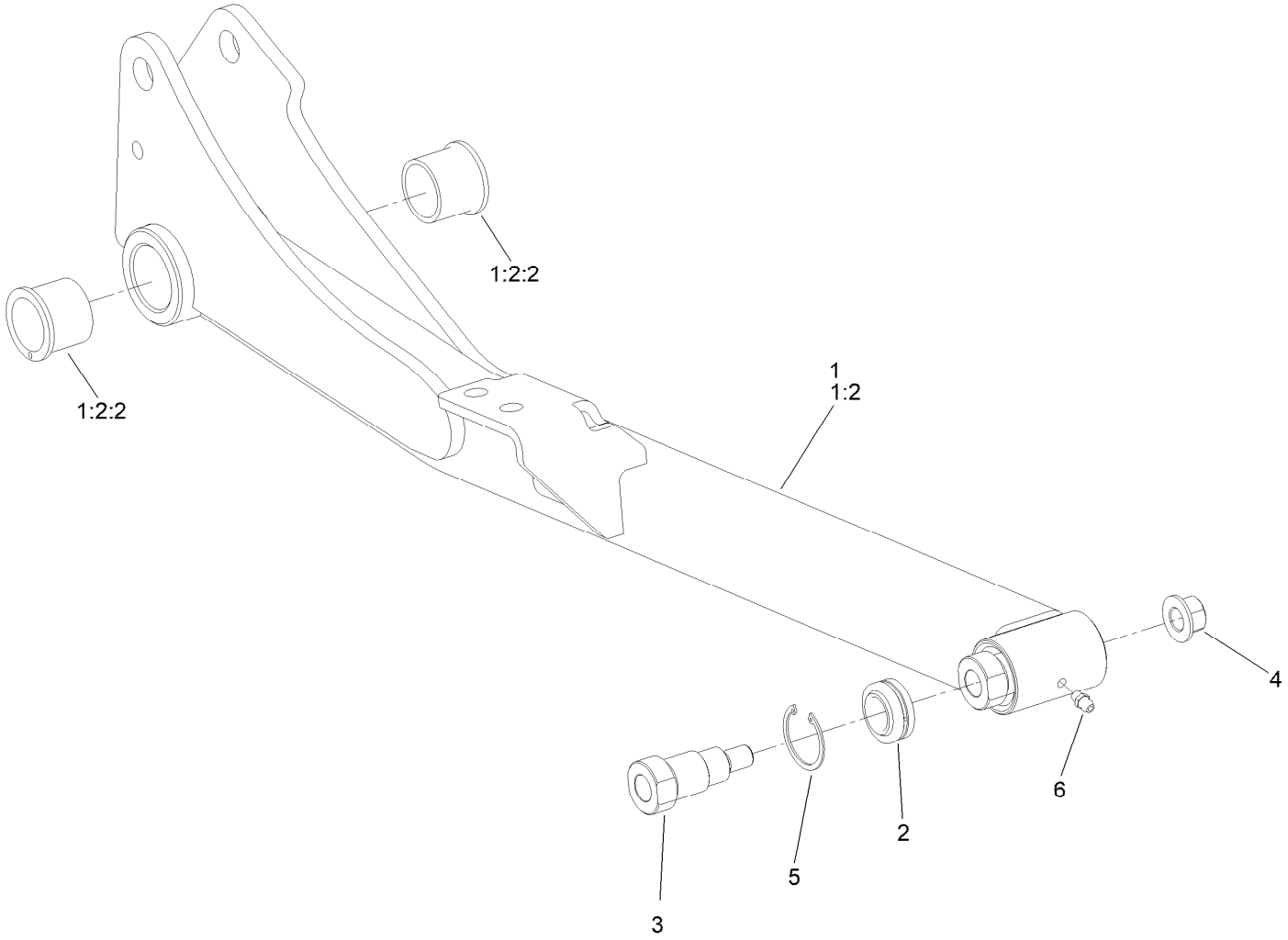


LH Lift Arm Assembly No. 144-3943 (continued)

Ref.	Part Number	Qty.	Description
1		1	Lift Arm ASM, LH ●
1:2		1	Hub-ASM ●
1:2:2	104-0015	2	Bushing-Flange
2	105-7441	1	Bearing-Spherical
3	32151-34	1	Ring-Retaining
4	139-0910	1	Bolt-Shoulder
5	99-5107	1	Nut-HF Nylock
6	302-5	1	Fitting-Grease
7	139-0948	1	Pad-Ride, Pin

● Not serviced separately

RH Lift Arm Assembly No. 144-3942

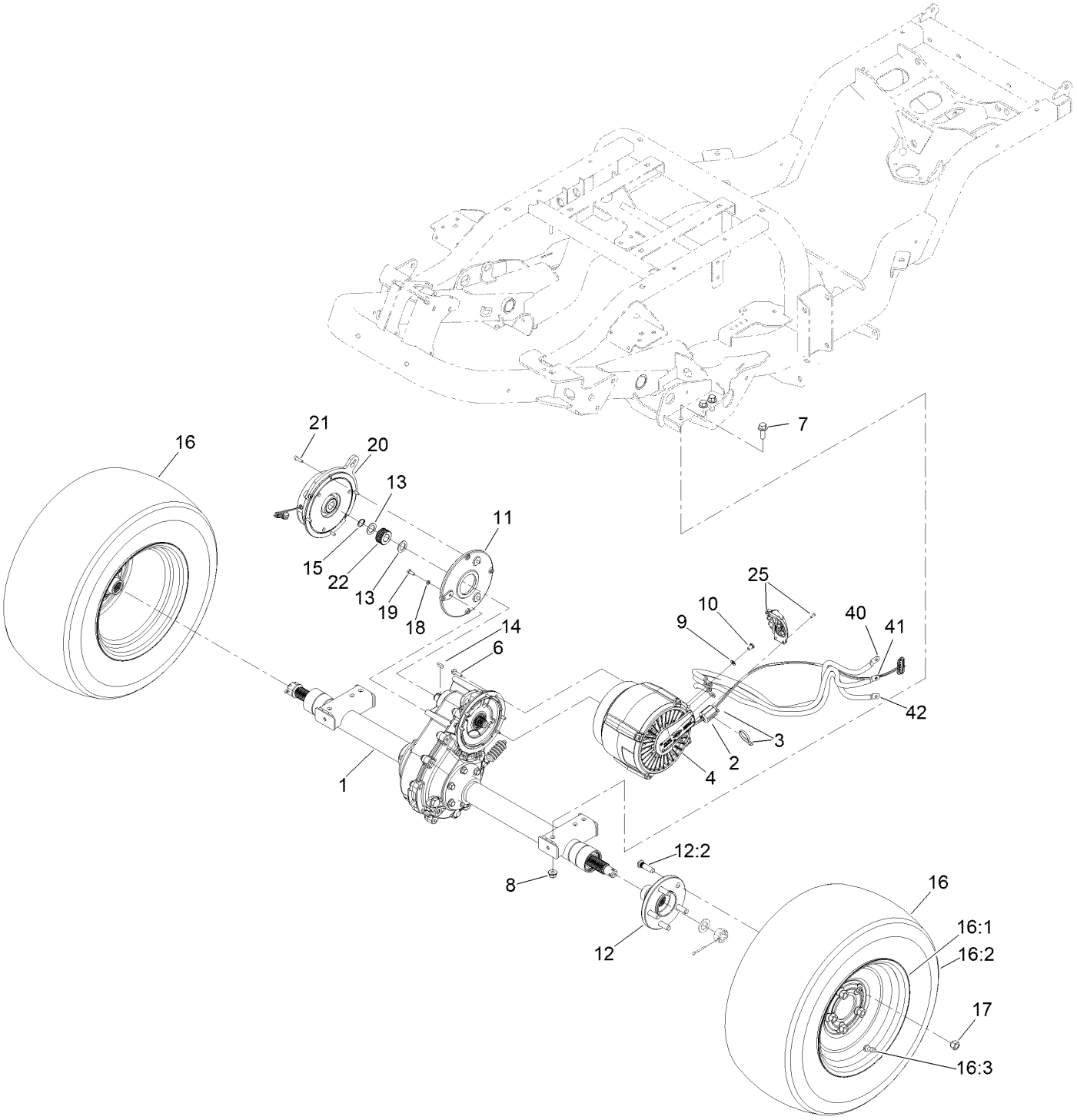


RH Lift Arm Assembly No. 144-3942 (continued)

Ref.	Part Number	Qty.	Description
1		1	Lift Arm ASM, RH ●
1:2		1	Hub-ASM ●
1:2:2	104-0015	2	Bushing-Flange
2	105-7441	1	Bearing-Spherical
3	139-0910	1	Bolt-Shoulder
4	99-5107	1	Nut-HF Nylock
5	32151-34	1	Ring-Retaining
6	302-5	1	Fitting-Grease

● Not serviced separately

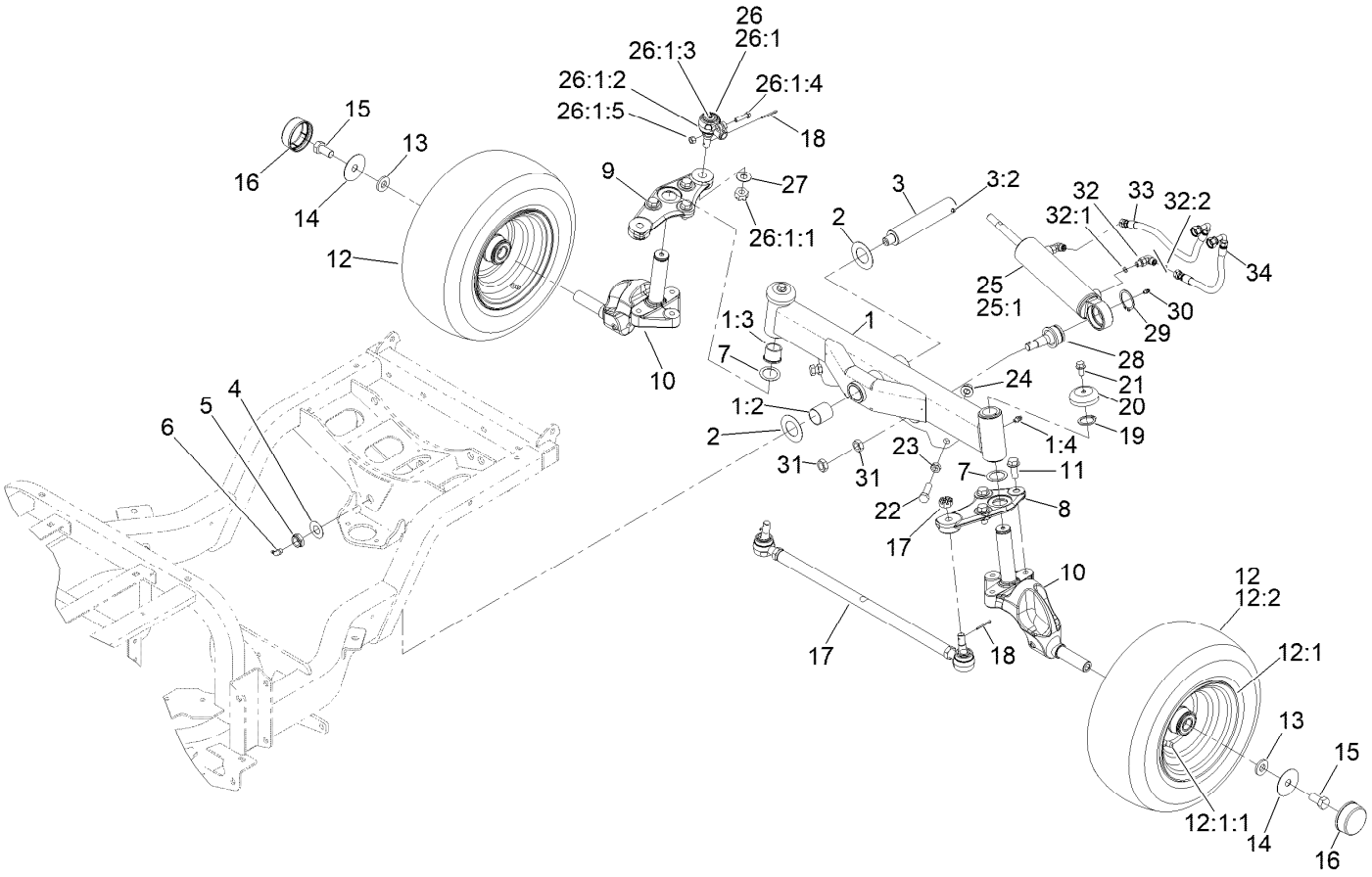
Axle, Wheel and Motor/Generator Assembly



Axle, Wheel and Motor/Generator Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-0905	1	Schafer Axle ASM, 24E
2	147-8183	1	Ferrite, Snap-On
3	3290-378	2	Tie-Cable
4	147-5116SP	1	Motor/Gen-48V, 9Kw
6	33103-025	6	Screw-HHF
7	117-9035	6	Screw-HHF
8	144-2269	6	Nut-Nylk,HF
9	147-5054	3	Washer-Belleville
10	147-5055	3	Screw-HSBH
11	145-1132-0P	1	Adapter-Brake [primed]
12	145-0938	2	Wheel Hub ASM
12:2	10-6830	5	Stud-Type, Drive
13	145-1139	2	Washer-Poly
14	MSC15592	1	Key-Square,6 MM X 20MM, Din 6885-A
15	87-9370	1	Ring-Retaining
16	137-2593	2	Wheel ASM
16:1	137-2595	1	Rim
16:2	137-2581	1	Tire
16:3	232-27	1	Stem-Valve
17	242-50	10	Nut-Lug
18	33093-00	3	Washer-Flat
19	33113-016	3	Screw-HH
20	145-1099	1	Brake ASM, Electric
21	52-6290	4	Screw-HSH
22	145-1134	1	Hub-Splined
25	147-2120	1	Kit-Terminal Cover
40	122-2709	1	Cable-Battery, Rd ASM
41	122-2710	1	Cable-Battery, Rd ASM
42	122-2711	1	Cable-Battery, Rd ASM

Rear Axle and Wheel Assembly



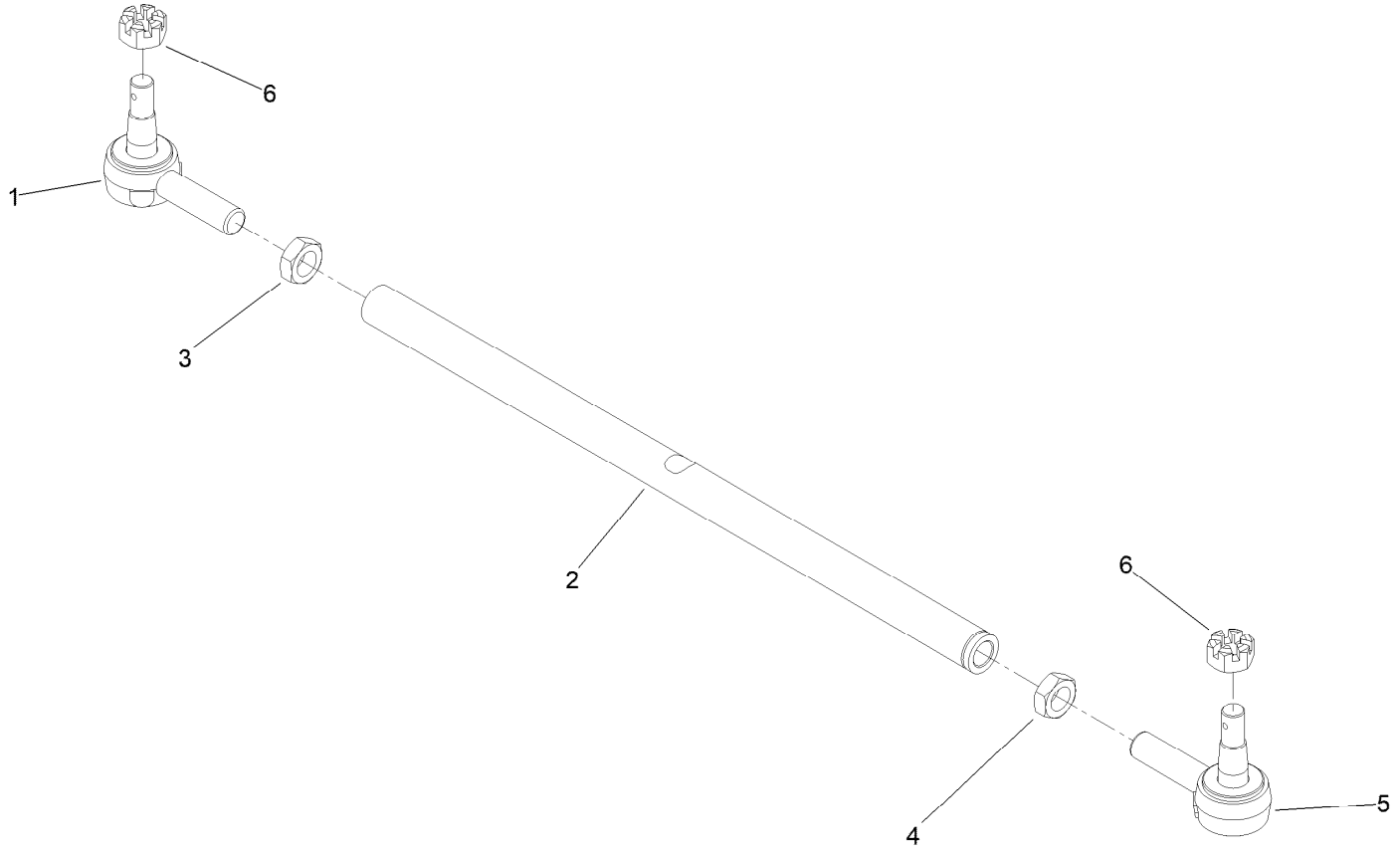
Rear Axle and Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	138-4588	1	Axle ASM
1:2	99-6964	2	Bushing-Axle
1:3	104-0015	4	Bushing-Flange
1:4	302-5	2	Fitting-Grease
2	99-8432	2	Washer-Thrust
3	140-6101	1	Pin ASM-Axle Pivot
3:2	32121-32	1	Pin-Roll
4	71-4540	1	Washer-Thrust
5	3296-15	1	Nut-Lock, NI
6	302-33	1	Fitting-Grease
7	76-2980	2	Washer-Thrust
8	140-3144	1	Link-Drag, LH
9	140-3142	1	Link-Drag, RH
10	137-1647	2	Spindle-Steer
11	3234-38	6	Screw-HHF
12	138-0310	2	Wheel ASM
12:1	138-0311	1	Rim-8" X 5.38"
12:1:1	232-27	1	Stem-Valve
12:2	1-413474	1	Tire-Turfmaster
13	99-7667	2	Washer-Flat
14	99-7719	2	Washer
15	327-3	2	Screw-HH
16	94-7871	2	Cap-Dust
17	144-3900	1	Tie Rod ASM
18	3272-12	3	Pin-Cotter
19	32151-77	2	Ring-Retaining, External
20	69-8890	2	Cap-Spindle
21	3234-1	2	Screw-HHF
22	325-7	2	Screw-HH
23	3218-5	2	Nut-Jam
24	99-5107	2	Nut-HF Nylock
25	139-6277	1	Steering Cylinder
25:1	140-3120	1	Kit-Seal ●
26	106-6895-03	1	Ball Joint ASM
26:1		1	Joint-Ball ■
26:1:1	32136-13	1	Nut-SHH
26:1:2	106-6896	1	Seal
26:1:3	302-5	1	Fitting-Grease
26:1:4	3210-7	1	Screw-HH
26:1:5	32152-5	1	Nut-Hex
27	69-8980	1	Washer
28	106-6774	1	Joint-Ball
29	32151-104	1	Ring-Retaining, External
30	302-5	1	Fitting-Grease
31	3220-6	2	Nut-Jam
32	340-132	2	Fitting-Elbow, 90 DEG
32:1	237-78	1	O-Ring
32:2	237-21	1	O-Ring
33	115-0383	1	Hose ASM
34	137-2584	1	Hose ASM

● Not illustrated

■ Not serviced separately

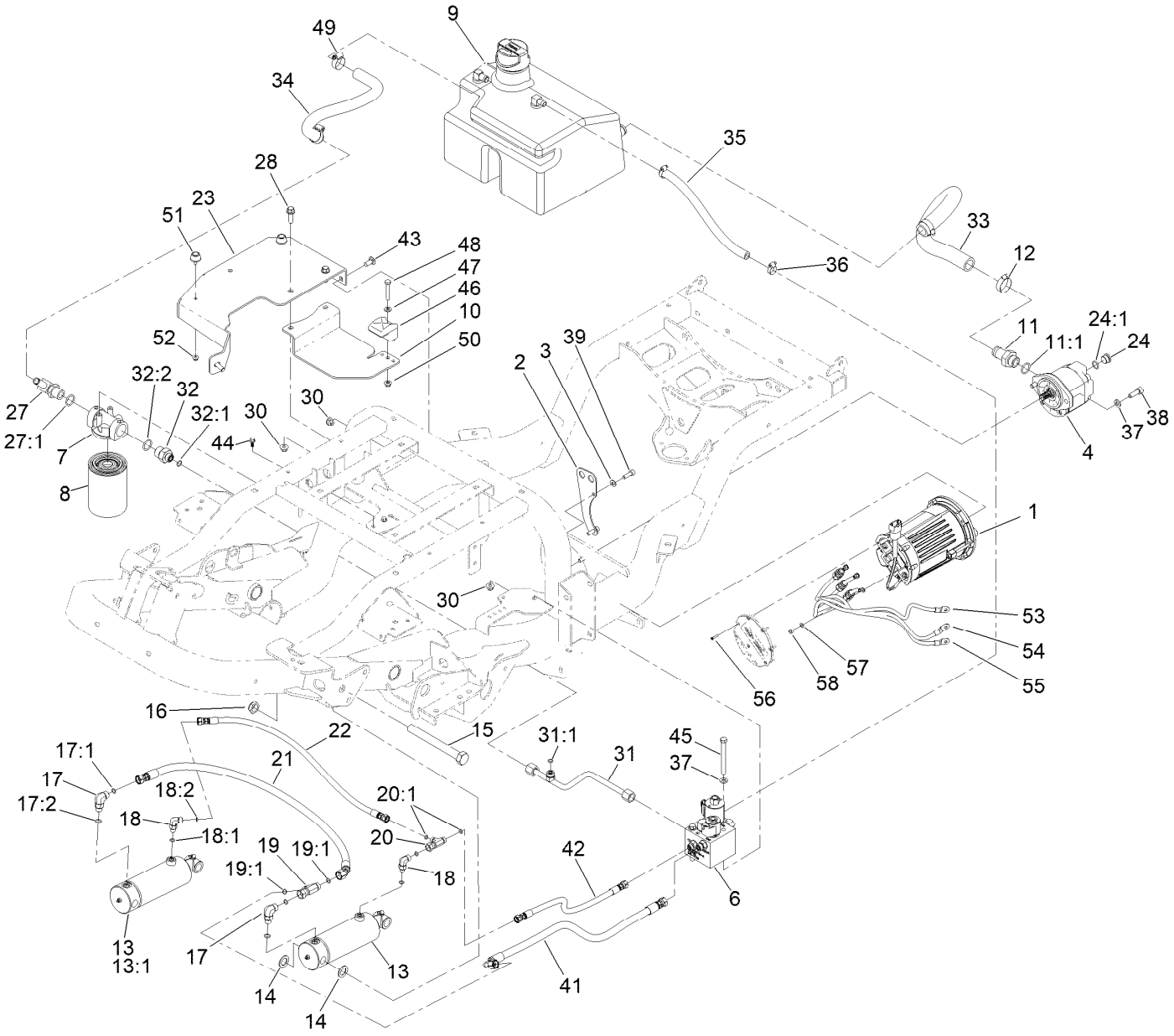
Tie Rod Assembly No. 144-3900



Tie Rod Assembly No. 144-3900 (continued)

Ref.	Part Number	Qty.	Description
1	144-3901	1	End-Rod, Tie
2	133-6463	1	Tie-Rod
3	84-5300	1	Nut-Jam
4	110-5337	1	Nut-Jam
5	144-3902	1	End-Rod, Tie
6	140-6135	2	Nut-Hex, Slotted

Hydraulic Assembly

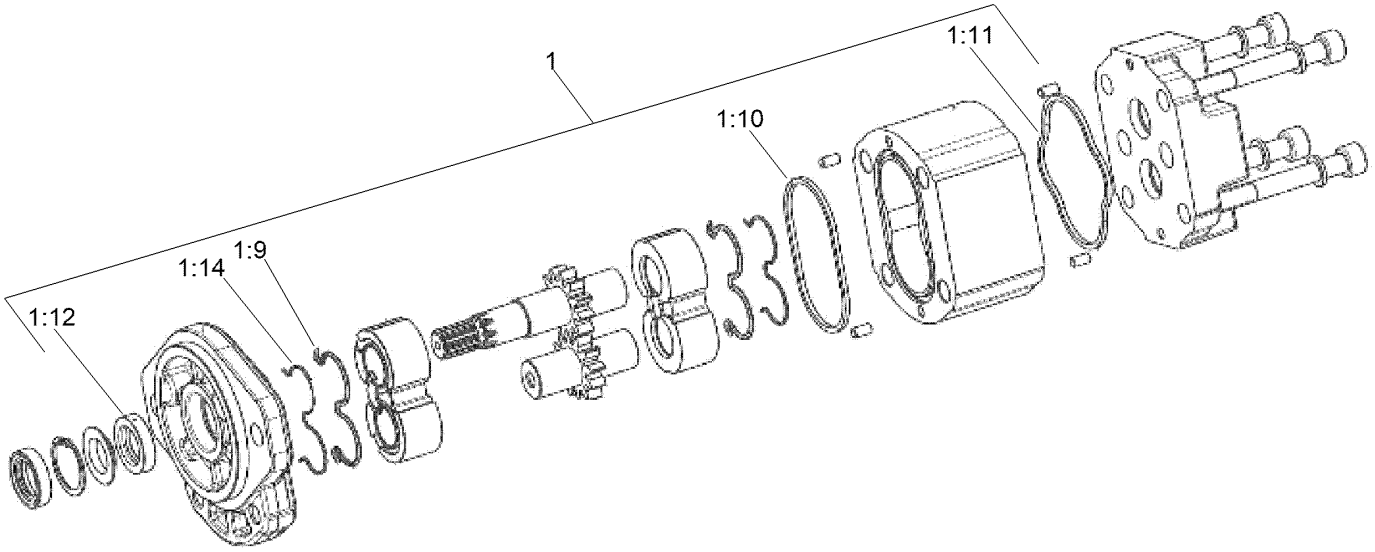


Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-0995SP	1	*obs* Electric Motor, Ashwoods
2	147-2054-0P	1	Plate-Bulkhead
3	33094-00	4	Washer-Plain
4	147-5115	1	Pump-Gear
6	145-0939	1	Manifold-Steering/Lift
7	92-5821	1	Head-Filter
8	86-3010	1	Filter-Oil
9	145-1053	1	Tank ASM
10	145-0934-03	1	Bracket-Tank, Hydraulic
11	99-3017	1	Fitting
11:1	237-81	1	O-Ring
12	2412-34	2	Clamp-Hose
13	139-0854	2	Cylinder-Hydraulic
13:1	140-3110	1	Kit-Seal ●
14	126-7888	4	Washer-Nylon
15	328-23	2	Screw-HH
16	HDW02059	2	Nut-Hex
17	340-77	2	Fitting-Elbow, 90 DEG
17:1	237-22	1	O-Ring
17:2	237-42	1	O-Ring
18	340-132	2	Fitting-Elbow, 90 DEG
18:1	237-78	1	O-Ring
18:2	237-21	1	O-Ring
19	340-115	1	Fitting-Tee
19:1	237-22	2	O-Ring
20	340-151	1	Fitting-Tee
20:1	237-21	2	O-Ring
21	137-5844	1	Hose ASM
22	137-5845	1	Hose ASM
23	145-1105-03	1	Brkt-Storage Bin
24	353-988	1	Plug-Hex
24:1	237-79	1	O-Ring
27	117-3681	1	Fitting-Elb 90
27:1	237-81	1	O-Ring
28	119-4061	1	Screw-HHF
30	104-8301	6	Nut-HF, NI
31	145-1088	1	Hydraulic Tube ASM
31:1	237-42	1	O-Ring
32	100-4240	1	Fitting-STR
32:1	237-30	1	O-Ring
32:2	237-81	1	O-Ring
33	145-1051	1	Hose-Suction
34	145-1052	1	Hose-Return
35	114-8438	1	Hose-HYD
36	2412-36	2	Clamp-Hose
37	139-6293	4	Washer
38	AU862-10030	2	Screw-HSH
39	98-5828	4	Screw-HSH
41	145-1136	1	Hose ASM
42	145-1135	1	Hose ASM
43	3231-22	3	Screw-CARR
44	99-6810	2	Screw-HHF
45	323-42	2	Screw-HH
46	107-4543	1	Clamp
47	3256-23	1	Washer-Plain
48	322-10	1	Screw-HH
49	2412-129	2	Clamp-Hose
50	104-8300	1	Nut-HF, NI
51	109-2365	2	Bumper-Rubber
52	104-7201	2	Nut-HF, NI
53	122-2712	1	Cable-Battery, Rd ASM
54	122-2713	1	Cable-Battery, Rd ASM
55	122-2714	1	Cable-Battery, Rd ASM
56	147-6042	6	Screw-Tfh
57	1-303435	3	Washer-Spring
58	HDW21408	3	Nut-Hex

● Not illustrated

Gear Pump Assembly No. 147-5115

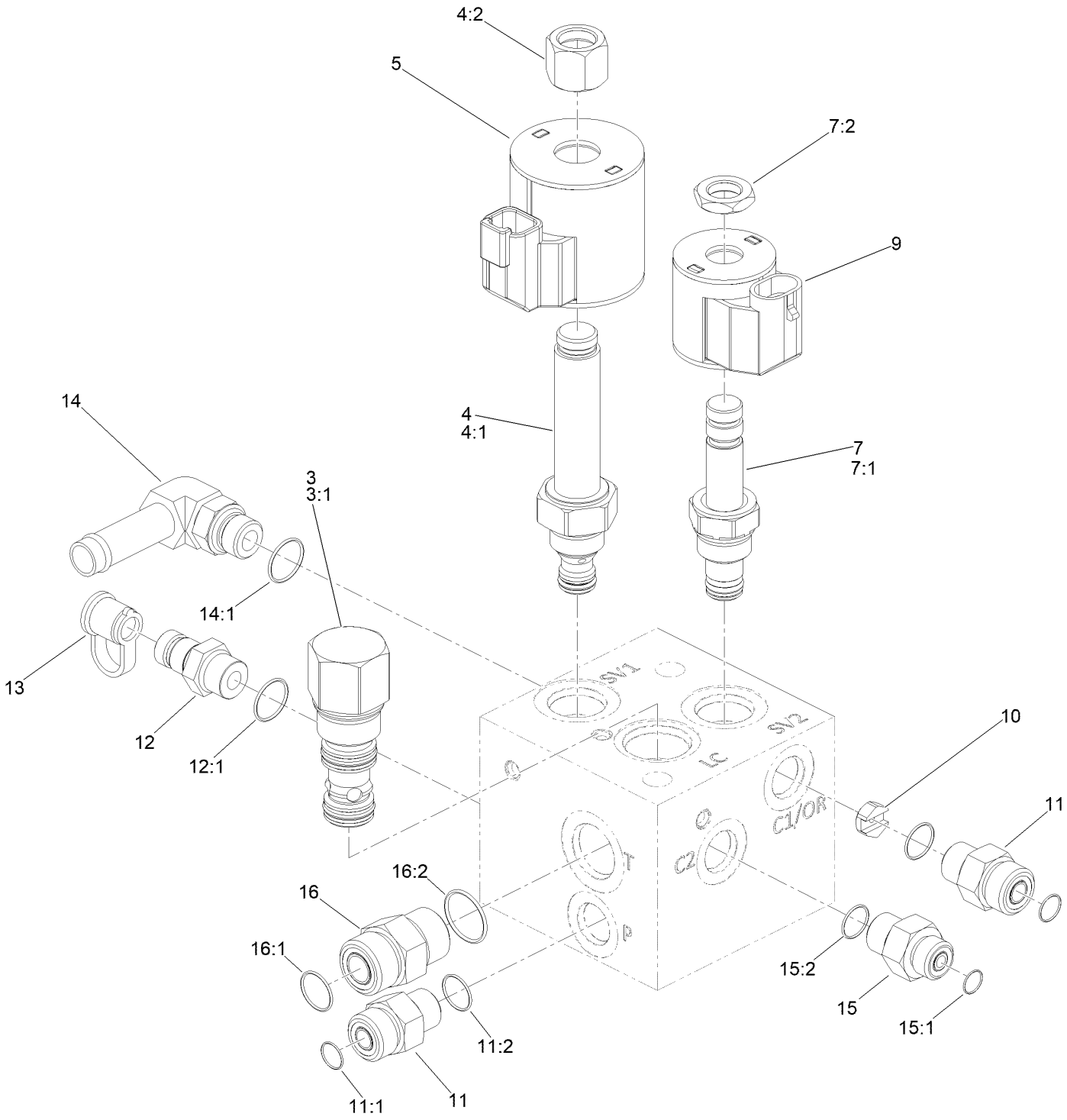


Gear Pump Assembly No. 147-5115 (continued)

Ref.	Part Number	Qty.	Description
1	139-6299	1	Kit-Seal
1:9		1	Seal ●
1:10		1	Seal-Standard ●
1:11		1	Seal-Square ●
1:12		1	Seal-Shaft ●
1:14		1	Anti Extrusion ●

● Not serviced separately

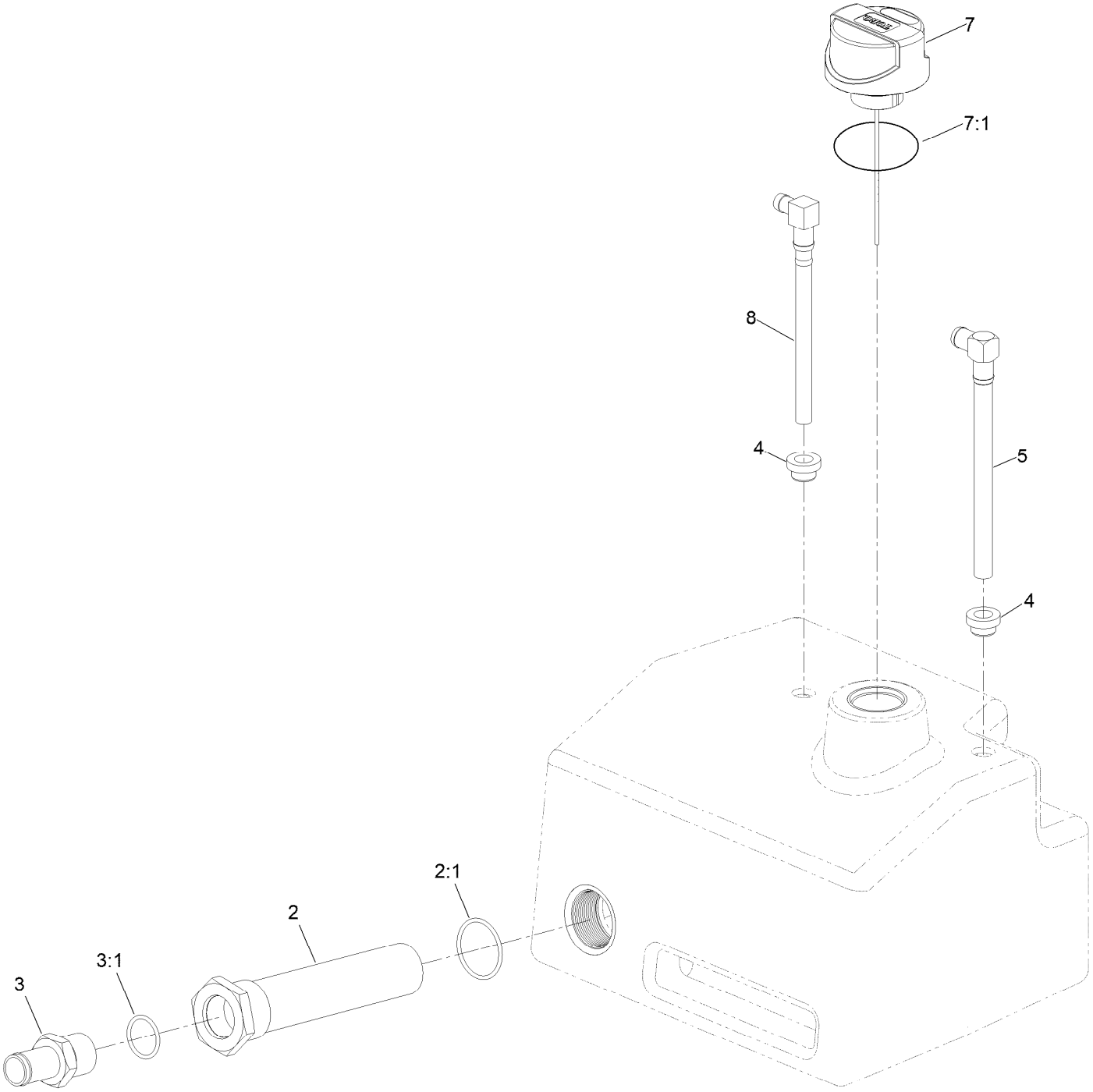
Steering/Lift Manifold Assembly No. 145-0939



Steering/Lift Manifold Assembly No. 145-0939 (continued)

Ref.	Part Number	Qty.	Description
3	105-9153	1	Element-Logic, Vented
3:1	119-2159	1	Seal Kit
4	147-2117	1	Valve-Relief, Proportional
4:1	126-9388	1	Seal Kit
4:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)
5	119-4619	1	Coil-Solenoid
7	112-9206	1	Solenoid Valve ASM
7:1	105-9156	1	Seal Kit
7:2	110-2634	1	Nut-Coil
9	110-0497	1	Coil-Solenoid
10	139-6296	1	Orifice-Check 0.100 DIA
11	340-2	2	Fitting-Straight
11:1	237-22	1	O-Ring
11:2	237-42	1	O-Ring
12	59-7410	1	Fitting-Diagnostic
12:1	237-42	1	O-Ring
13	354-79	1	Cap-Dust
14	109-6449	1	Fitting-Elbow, 90
14:1	237-42	1	O-Ring
15	340-1	1	Fitting-Straight
15:1	237-21	1	O-Ring
15:2	237-42	1	O-Ring
16	340-4	1	Fitting-Straight
16:1	237-30	1	O-Ring
16:2	237-79	1	O-Ring

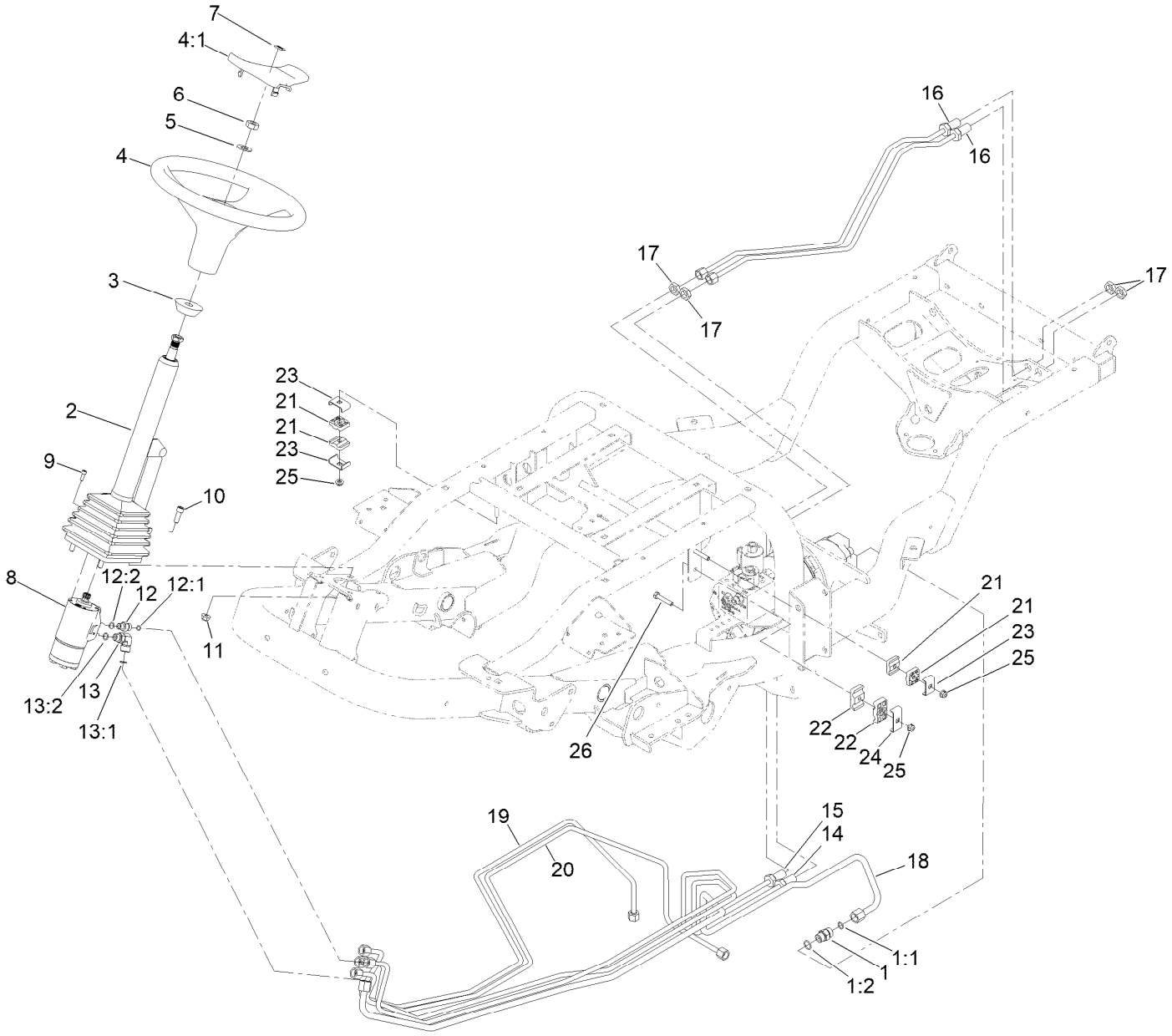
Hydraulic Tank Assembly N0. 145-1053



Hydraulic Tank Assembly N0. 145-1053 (continued)

Ref.	Part Number	Qty.	Description
2	115-2230	1	Strainer-In Tank
2:1	340-136	1	O-Ring
3	354-78	1	Fitting-STR
3:1	237-146	1	O-Ring
4	104-0790	2	Bushing
5	132-1384	1	Tube-Drop
7	147-5070	1	Cap-Filler, Breather
7:1	237-101	1	O-Ring
8	104-0791	1	Pipe-Stand

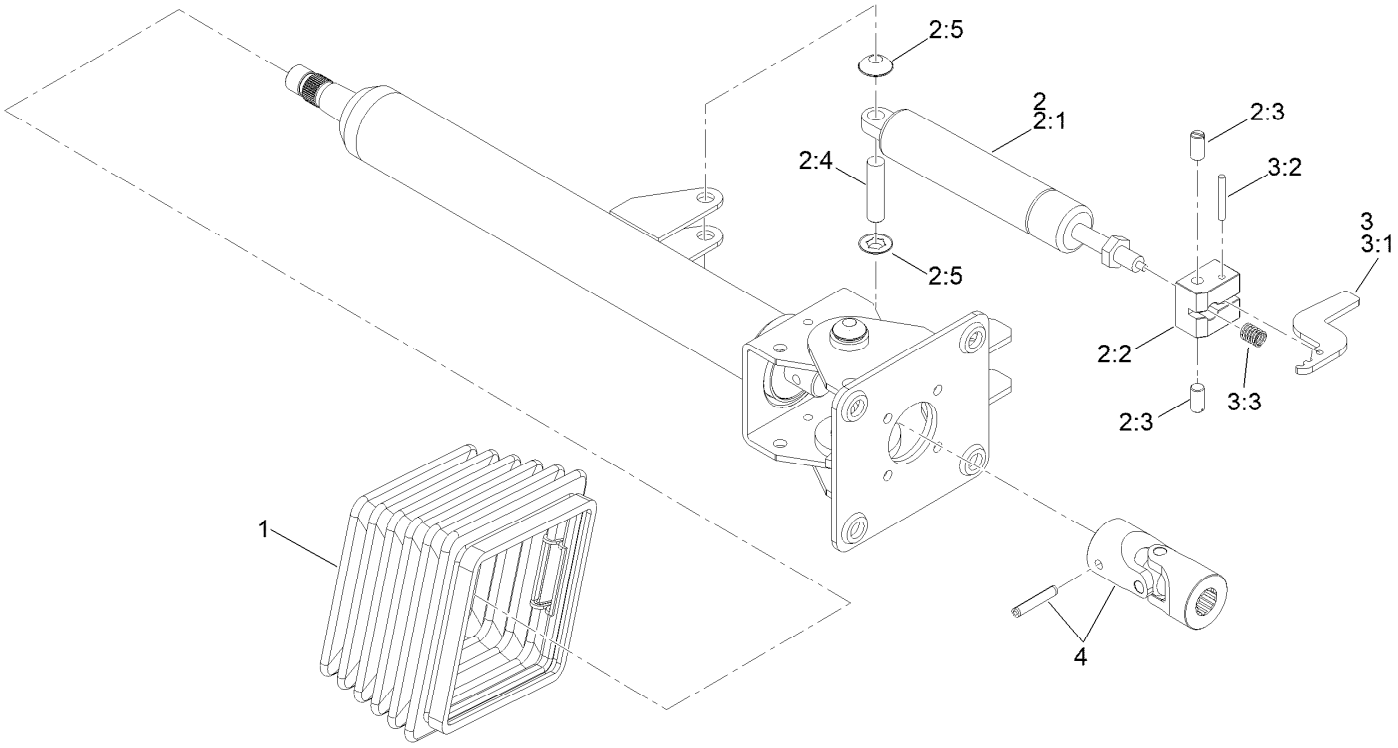
Steering Assembly



Steering Assembly (continued)

Ref.	Part Number	Qty.	Description
1	340-4	1	Fitting-Straight
1:1	237-30	1	O-Ring
1:2	237-79	1	O-Ring
2	139-0857	1	Column-Steering, Tilt
3	93-5429	1	Collar-Foam
4	98-1471	1	Wheel-Steering
4:1	98-1468	1	Cover-Wheel, Steering
5	3256-27	1	Washer-Flat
6	3296-33	1	Nut-Lock, NI
7	98-1459	1	Decal
8	114-8119	1	Steering Valve ASM
9	105-2409	4	Screw-HSH
10	3274-7	4	Screw-HSH
11	104-8301	4	Nut-HF, NI
12	340-2	4	Fitting-Straight
12:1	237-22	1	O-Ring
12:2	237-42	1	O-Ring
13	340-99	1	Fitting-HYD, 90 DEG
13:1	237-30	1	O-Ring
13:2	237-42	1	O-Ring
14	147-2050	1	Hydraulic Line ASM
15	147-2052	1	Hydraulic Line ASM
16	147-2051	2	Hydraulic Line ASM
17	340-70	4	Nut-Lock
18	147-2055	1	Hydraulic Line ASM
19	147-2057	1	Hydraulic Line ASM
20	147-2058	1	Hydraulic Line ASM
21	56-7973	4	Clamp-Tube
22	56-7976	2	Clamp-Tube
23	119-1418	3	Plate-Clamp, Short
24	119-1419	1	Plate-Clamp
25	104-8300	3	Nut-HF, NI
26	322-9	2	Screw-HH

Steering Column Assembly No. 139-0857

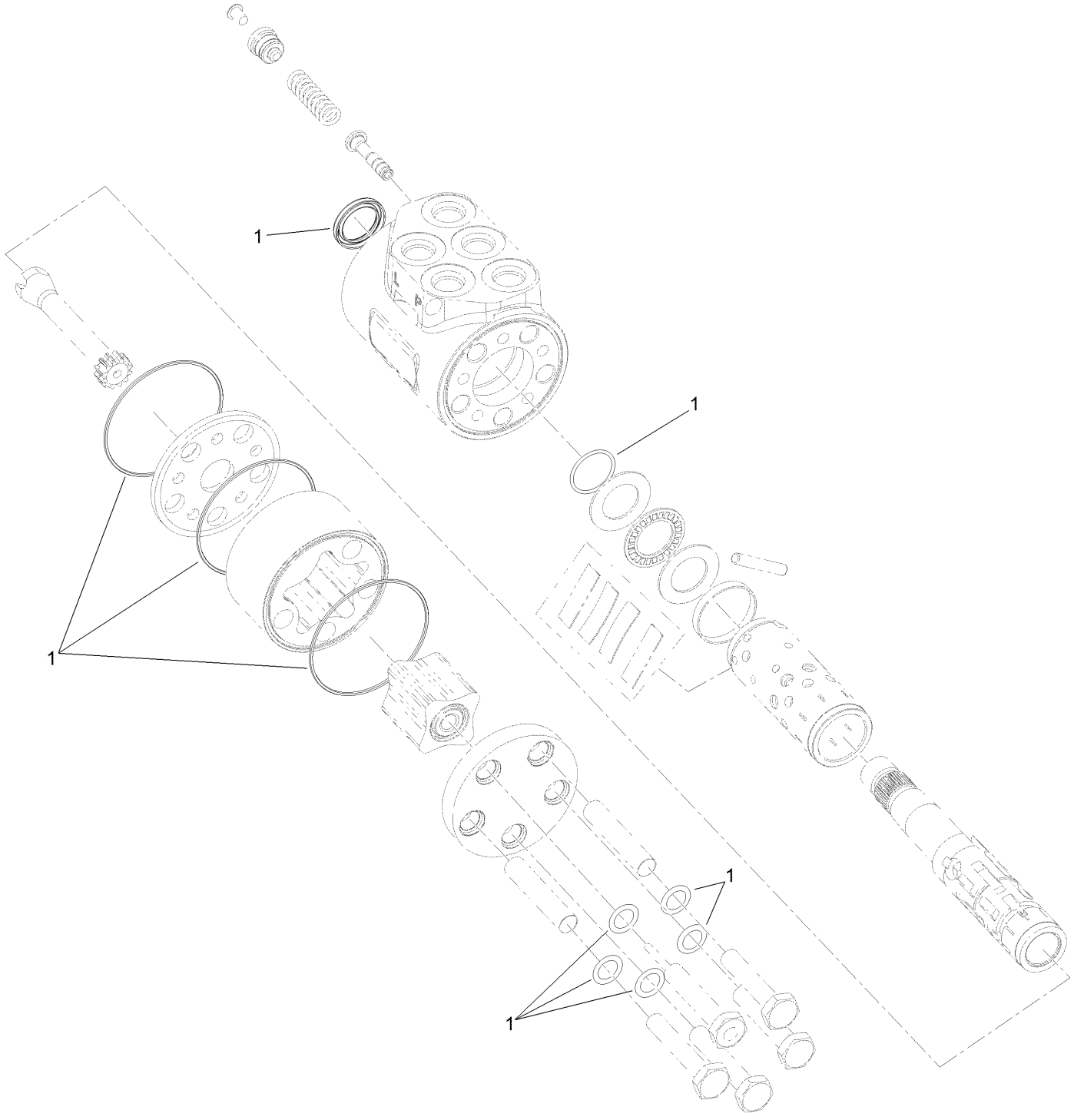


Steering Column Assembly No. 139-0857 (continued)

Ref.	Part Number	Qty.	Description
1	110-6462	1	Bellows-Rubber
2	110-6463	1	Cylinder Service Kit
2:1		1	Cylinder-Gas ●
2:2		1	Block-Pedal ●
2:3		2	Bolt ●
2:4		1	Pin ●
2:5		2	Washer-Lock ●
3	136-4385	1	Pedal Service Kit
3:1		1	Pedal ●
3:2		1	Pin ●
3:3		1	Spring ●
4	120-6256	1	Universal Joint Kit

● Not serviced separately

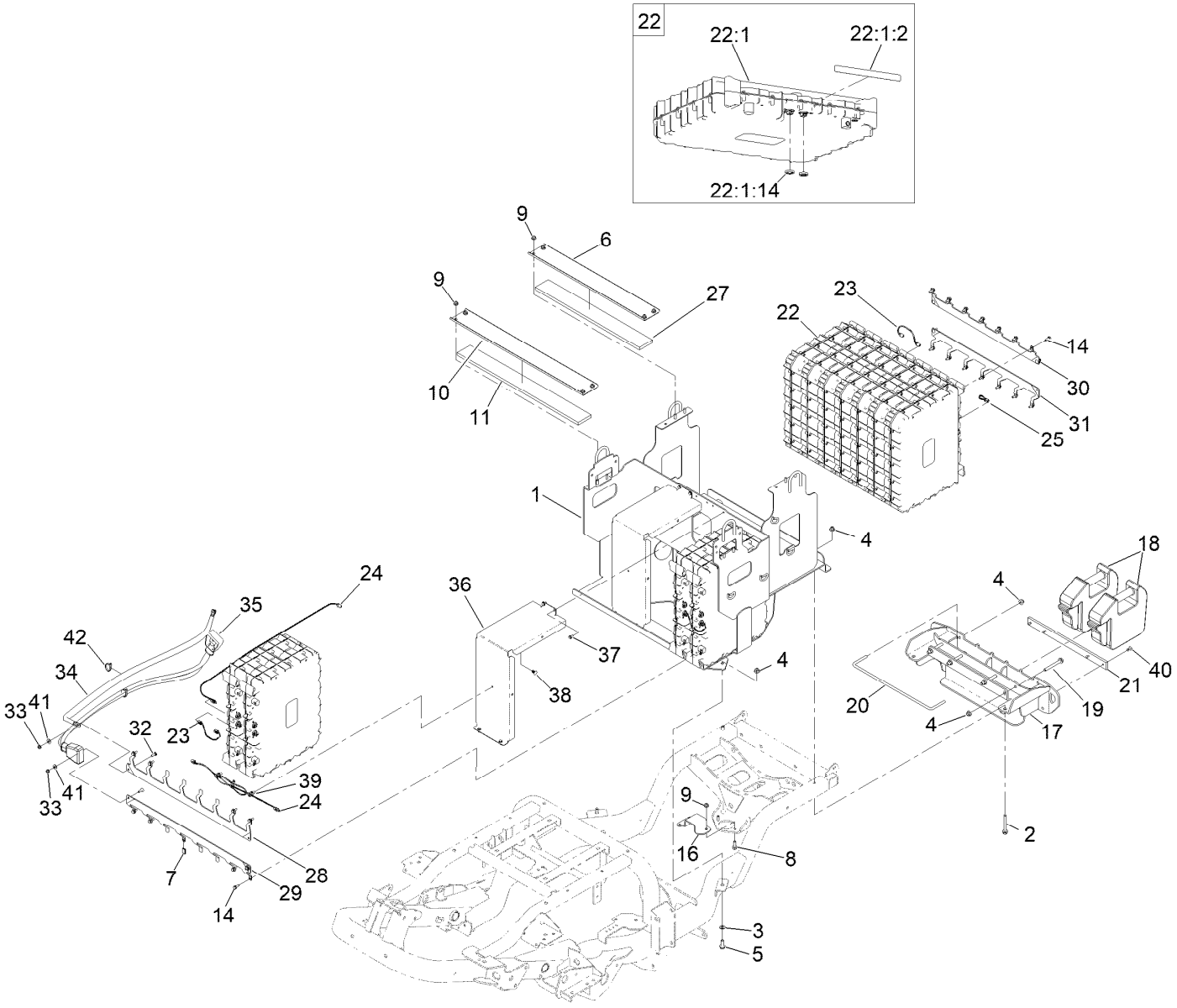
Steering Valve Assembly No. 114-8119



Steering Valve Assembly No. 114-8119 (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	106-6716	1	Seal Kit

Battery Assembly



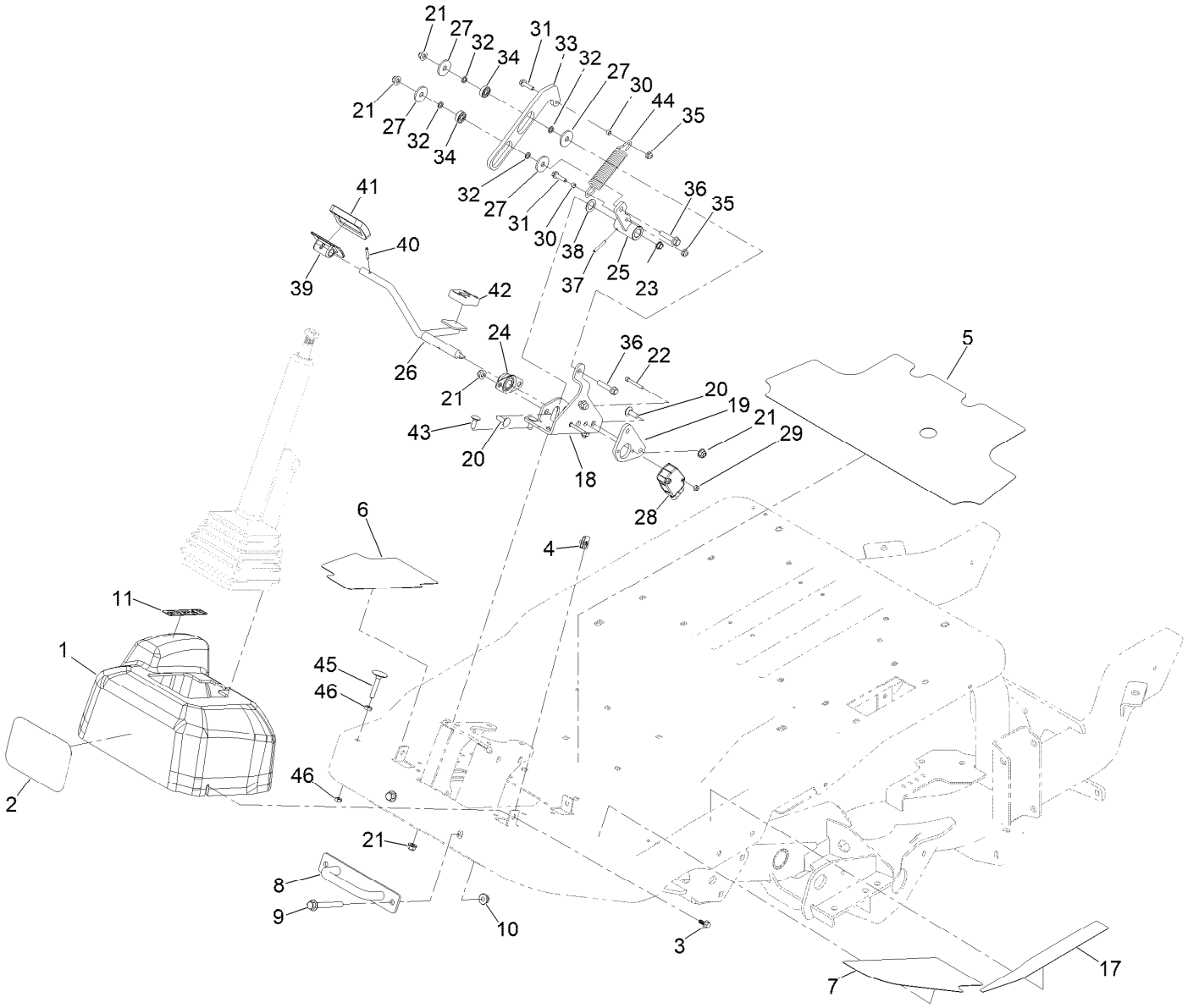
Battery Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-0931-03	1	Battery Tray, Welded
2	139-2429	2	Screw-HHF
3	3256-24	2	Washer-Plain
4	104-8301	10	Nut-HF, NI
5	3234-42	2	Screw-HHF
6	147-2149-03	1	Channel-Support, Short
7	147-5053	8	Cap-Vinyl
8	115-5142	2	Screw-HHF, Patch
9	104-8300	10	Nut-HF, NI
10	147-2148-03	1	Channel-Support, Long
11	147-5050	1	Pad-Foam, Long
14	145-5783	22	Screw-Sems
16	145-0977-03	1	Bracket-Support
17	145-5981-03	1	Bumper-Rear Wa
18	114-4096	2	Weight
19	3234-41	4	Screw-HHF
20	125-2667	1	Lock-Weight
21	144-4014	1	Bumper-Rubber
22	145-5385	11	Battery ASM
22:1		1	Battery ASM ●
22:1:2	145-5338	1	Decal-Warning, Battery
22:1:14	32180-466	1	Nut-Mounting, Jwpf Panel Lock

Ref.	Part Number	Qty.	Description
23	140-9565	8	Harness-Wire, Data Interface
24	122-2412	2	Harness-Wire,Data Interface,34.5 In
25	122-2323	1	Harness-Wire, Can Terminator
27	147-5051	1	Pad-Foam, Short
28	147-2131	1	Busbar-8, Bk
29	147-2132	1	Busbar-8, Rd
30	147-2133	1	Busbar-7, Bk
31	147-2134	1	Busbar-7, Rd
32	1-807512	6	Bolt-CARR
33	104-7201	6	Nut-HF, NI
34	122-2905	1	Cable-Battery, Bk ASM
35	122-2906	1	Cable-Battery, Rd ASM
36	147-5052-0P	2	Case-Battery Spacer
37	32144-4	8	Screw-HWH
38	133-0875	2	Rivet-Push
39	32180-030	2	Clip-Tie
40	3269-11	4	Rivet-Pop
41	3256-2	6	Washer-Flat
42	3290-378	2	Tie-Cable

● Not serviced separately

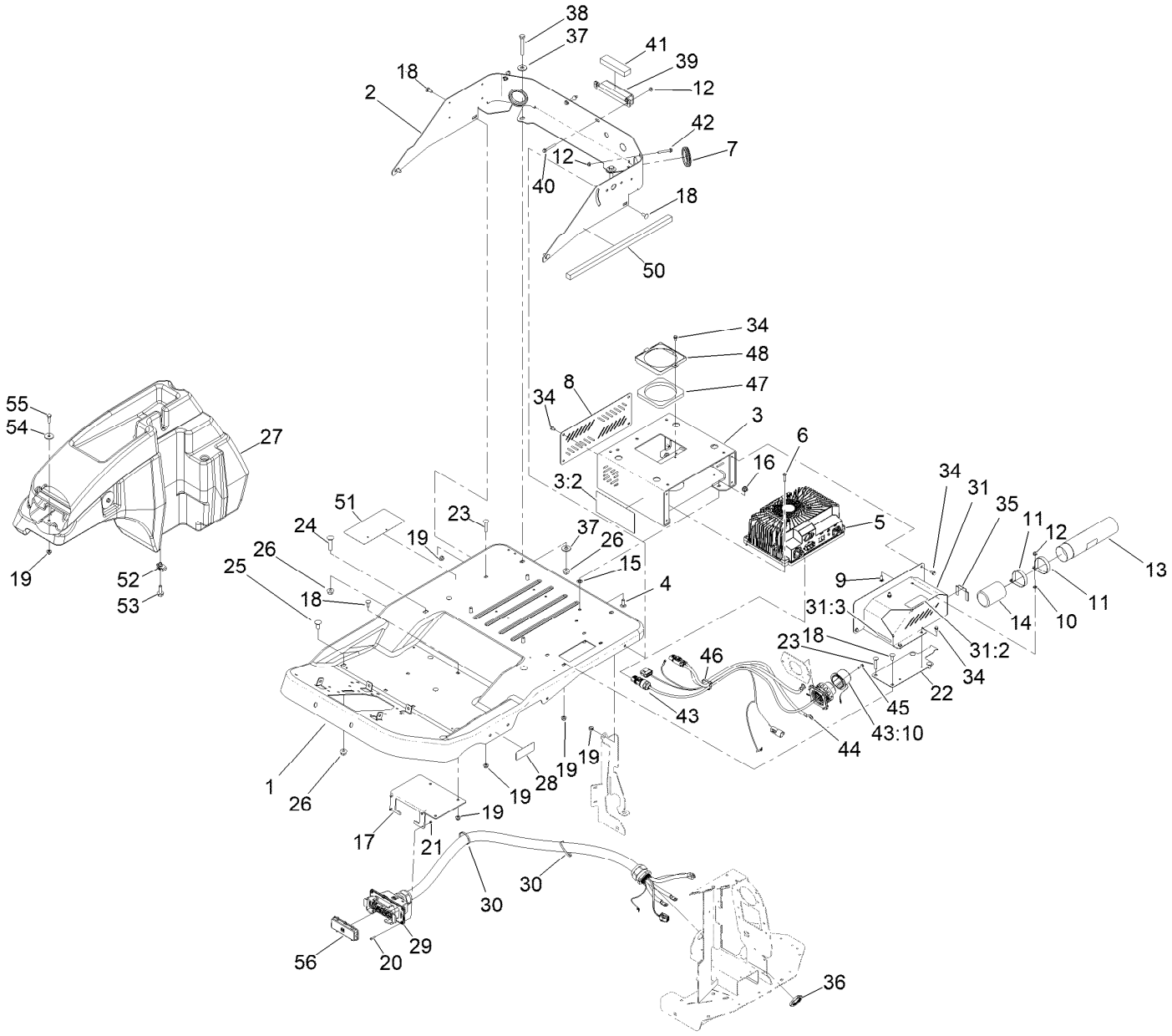
Pedal Assembly



Pedal Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-1079	1	Cover-Steering
2	105-1217	1	Decal
3	99-6810	4	Screw-HHF
4	107069	4	Clip
5	147-5071	1	Tread-Foot, Main
6	139-0885	1	Tread-Foot, Front RH
7	139-0886	1	Tread-Foot, Front LH
8	138-0288	1	Bracket-Down, Tie
9	3234-41	2	Screw-HHF
10	104-8301	2	Nut-HF, NI
11	140-1460	1	Decal-Traction Pedal
17	139-0859	1	Tread-Foot, Side
18	145-0958-01	1	Bracket-Traction Pedal
19	145-0959-03	1	Shim
20	3230-10	4	Bolt-CARR
21	104-8300	10	Nut-HF, NI
22	3274-59	2	Screw-HSH
23	139-1525	1	Bushing-Flanged Nylon
24	256-236	1	Bearing-Mount, Flange
25	145-0957-03	1	Hub-Traction Pedal [black]
26	145-0953	1	Traction Pedal
27	107675	4	Washer
28	122-0917	1	Sensor-Position
29	3296-2	2	Nut-Lock, NI
30	121-2015	2	Spacer
31	120-4654	2	Screw-HHF
32	75-5470	4	Spacer-Bearing
33	145-1063	1	Link-Connecting
34	251-259	2	Bearing-Ball
35	104-7201	2	Nut-HF, NI
36	115-1794	2	Screw-HHF
37	32121-6	1	Pin-Roll, Slotted
38	137-2601	1	Washer
39	117-9507	1	Pedal-Accelerator
40	32121-45	1	Pin-Spring
41	74-9100	1	Pad-Pedal, Forward
42	74-9110	1	Pad-Pedal, Reverse
43	3230-23	4	Bolt-CARR
44	137-7944	1	Spring-Extension
45	115-8240	1	Screw-Elevator
46	3218-2	2	Nut-Hex Jam

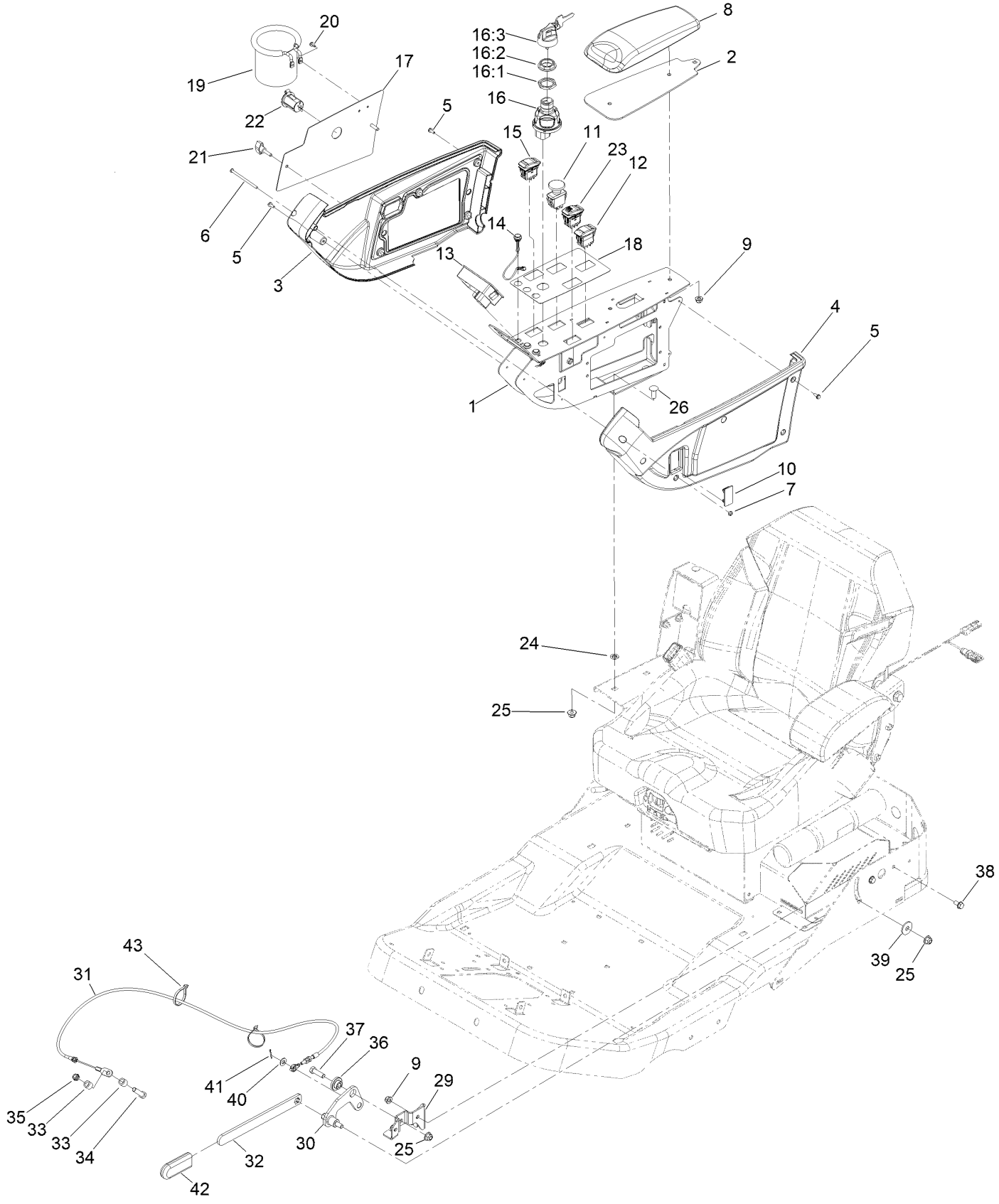
Platform Assemnly



Platform Assemnly (continued)

Ref.	Part Number	Qty.	Description
1	144-4030-01	1	Platform-Stamped
2	161-7626-03	1	Shield-Platform, Rear
3	147-5144	1	Seat Base ASM
3:2	139-6215	1	Decal-Warning
4	3231-22	4	Screw-CARR
5	147-5148	1	Charger-Onboard, 3.3Kw
6	132-6777	4	Screw-Twh Thd Roll
7	240-12	2	Grommet-Rubber
8	147-5139-01	1	Plate-Cover, RH
9	1-807512	2	Bolt-CARR
10	104-8310	2	Ring-Retaining
11	107-1865	2	R-Clamp
12	104-7201	6	Nut-HF, NI
13	104-7050	1	Tube-Manual
14	104-7048	1	Cap-Housing
15	107-3154	4	Nut-Push
16	104-8301	4	Nut-HF, NI
17	147-2073-0P	1	Brkt-Connector
18	3230-23	9	Bolt-CARR
19	104-8300	14	Nut-HF, NI
20	119-7444	4	Screw-HSBH
21	140-3749	4	Nut-Lock Rohs
22	147-2096-01	1	Plate-Cover
23	116-0629	4	Screw-CARR
24	3232-5	2	Screw-CARR
25	3232-1	2	Screw-CARR
26	114-8417	6	Nut-HF, NI
27	147-2093	1	Storage Bin ASM
28	106-9206	2	Decal-Torque, Wheel
29	122-2784	1	Harness-Wire, Machine
30	3290-379	2	Tie-Cable
31	161-7642	1	Cover ASM
31:2	161-2468	1	Decal-Release, Brake
31:3	133-8061	1	Decal-Warning
34	32144-4	9	Screw-HWH
35	147-5147	3	Trim
36	32180-563	1	Nut - Locknut, M40X1.5
37	3256-40	4	Washer-Flat
38	324-12	2	Screw-HH
39	139-2166-0P	1	Bracket-Hood Support
40	3234-34	2	Screw-HHF
41	139-6202	1	Foam-Strip
42	125-4287	2	Screw-HHF
43	122-3367	1	Harness-Wire, AC Charger
43:10	32180-579	1	Cover-Scame, Tethered, White
44	122-3390	1	Harness-Wire, DC Charger
45	100-4351	4	Screw-HWH
46	3290-378	1	Tie-Cable
47	161-2462	1	Foam-Baffle
48	161-2460-0P	1	Baffle ASM, Welded
50	139-6207	1	Foam-Strip
51	161-2469	1	Decal-Service, Gm E3200
52	140-1146	1	Nut-Clip, U
53	33105-030	1	Screw-HHF
54	105-3048	1	Washer-Flat
55	322-5	1	Screw-HH
56	32180-608	1	Cover-Harting, Han 24B, Plastic

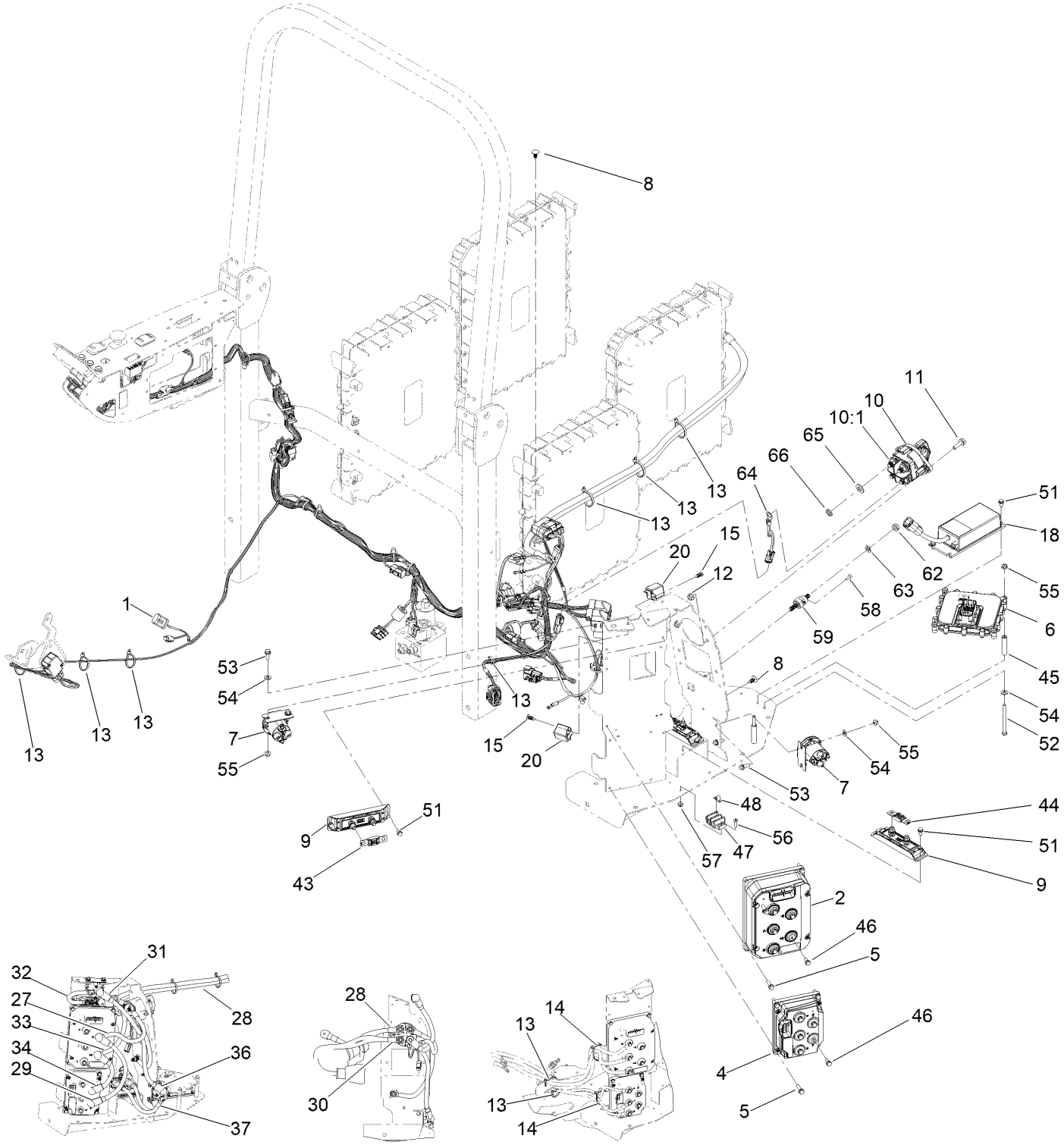
Control Console Assembly



Control Console Assembly (continued)

Ref.	Part Number	Qty.	Description
1	145-1040-03	1	Panel ASM, Welded
2	138-4548-03	1	Plate-Spacer, Console Pad
3	108-7605	1	Cover-RH
4	108-7604	1	Cover-LH
5	32144-112	10	Screw-HWH
6	3250-22	1	Screw-PPH
7	3296-12	1	Nut-Lock, NI
8	131-9637	1	Armrest-Quick Find
9	104-8300	4	Nut-HF, NI
10	99-7420	1	Plug-Hole
11	93-9999	1	Switch-PTO
12	122-0304	1	Switch-Rocker, (On)-Off-(On)
13	122-1201	1	Module-Display
14	136-9678	3	Cable Assy-Pushbutton
15	122-2854	1	Switch-Rocker, On-On-(On)
16	122-2513	1	Switch-Ignition, Suns
16:1	121-5160	1	Nut-Hex
16:2	122-2704	1	Nut-Face, M22 (Plastic)
16:3	121-5162	1	Set-Key, Ignition
17	147-2144-03	1	Cover ASM, Welded
18	147-2074	1	Decal-Console
19	117-2378	1	Holder-Bag
20	104-2065	2	Screw-HWH
21	126-5846	2	Knob-T
22	140-7955	1	Port-Power, USB
23	122-3518	1	Switch-Rocker, On-None-On
24	107-3154	2	Nut-Push
25	104-8301	4	Nut-HF, NI
26	3231-22	2	Screw-CARR
29	161-7620-03	1	Bracket-Cable, Release
30	161-7621-03	1	Lever ASM, Release
31	161-2467	1	Cable-Release, Brake
32	161-7627-0P	1	Lever-Extension, Release
33	93-9847	2	Spacer
34	323-8	1	Screw-HH
35	121-4600	1	Nut-Hex
36	126-5989	1	Pivot-Flange
37	323-7	1	Screw-HH
38	3234-7	2	Screw-HHF
39	93-8806	1	Washer-Hardened
40	107-0279	1	Washer
41	3272-4	1	Pin-Cotter
42	119-1846	1	Grip
43	3290-378	2	Tie-Cable

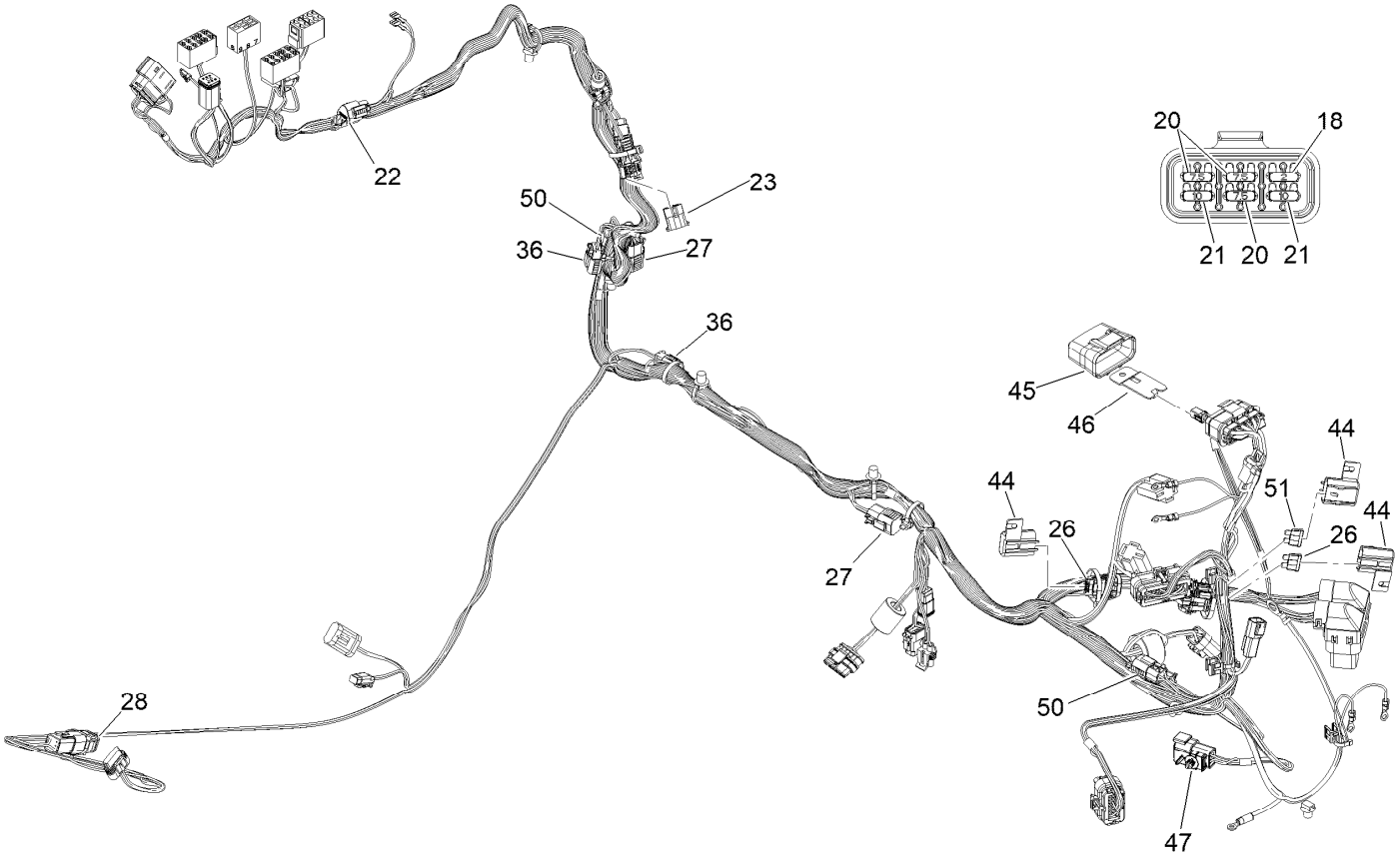
Electrical Assembly



Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	122-2328	1	Harness-Wire, Main
2	147-5068	1	Inv/Ctrlr-48V
4	145-7270	1	Inv/Ctrlr-48V
5	32144-86	8	Screw-HWHTF
6	122-2498	1	Controller
7	145-3542	2	Contactor-DC, 12V
8	117-2382	2	Plug-Plastic
9	145-4958	3	Holder-Fuse
10	122-0603	1	Switch-Disconnect
10:1	33006-00	1	Nut-HF
11	3234-29	2	Screw-HHF
12	104-8300	2	Nut-HF, NI
13	3290-378	9	Tie-Cable
14	3290-379	2	Tie-Cable
15	120-6737	2	Plug-Plastic
18	144-6975	1	Converter DC-DC
20	122-2400	2	Relay, 12V Coil, 50A At 48V
27	122-2903	1	Cable-Battery, Bk ASM
28	122-2904	1	Cable-Battery, Bk ASM
29	122-2690	1	Cable-Battery, Bk ASM
30	122-2956	1	Cable-Battery, Rd ASM
31	122-2692	1	Cable-Battery, Rd ASM
32	122-2693	1	Cable-Battery, Rd ASM
33	122-2694	1	Cable-Battery, Rd ASM
34	122-2695	1	Cable-Battery, Rd ASM
36	122-2697	1	Cable-Battery, Rd ASM
37	122-2699	1	Cable-Battery, Rd ASM
43	122-2561	1	Fuse-200A
44	122-2559	2	Fuse-100 Amp
45	145-1145	4	Spacer
46	145-5782	10	Screw-Sems
47	42862	1	Block-Terminal, Ground
48	42863	1	Strip-Jumper
51	32144-4	9	Screw-HWH
52	321-20	4	Screw-HH
53	120-9678	4	Screw-HHF
54	3256-22	8	Washer-Flat
55	119-4040	8	Nut-HF, NI
56	104-2408	2	Screw-HSBH
57	138-0719	2	Nut-HF
58	105-6849	2	Screw-Forming, Thread
59	122-2411	1	Block-Junction, Black
62	3290-357	2	Nut-HSF
63	3253-21	2	Washer-Lock
64	122-3326	1	Harness-Wire, Battery Disconnect
65	147-3238	4	Washer-Flat
66	HDW14457	4	Split Lock Washer,1/2,ST/ST,18-8

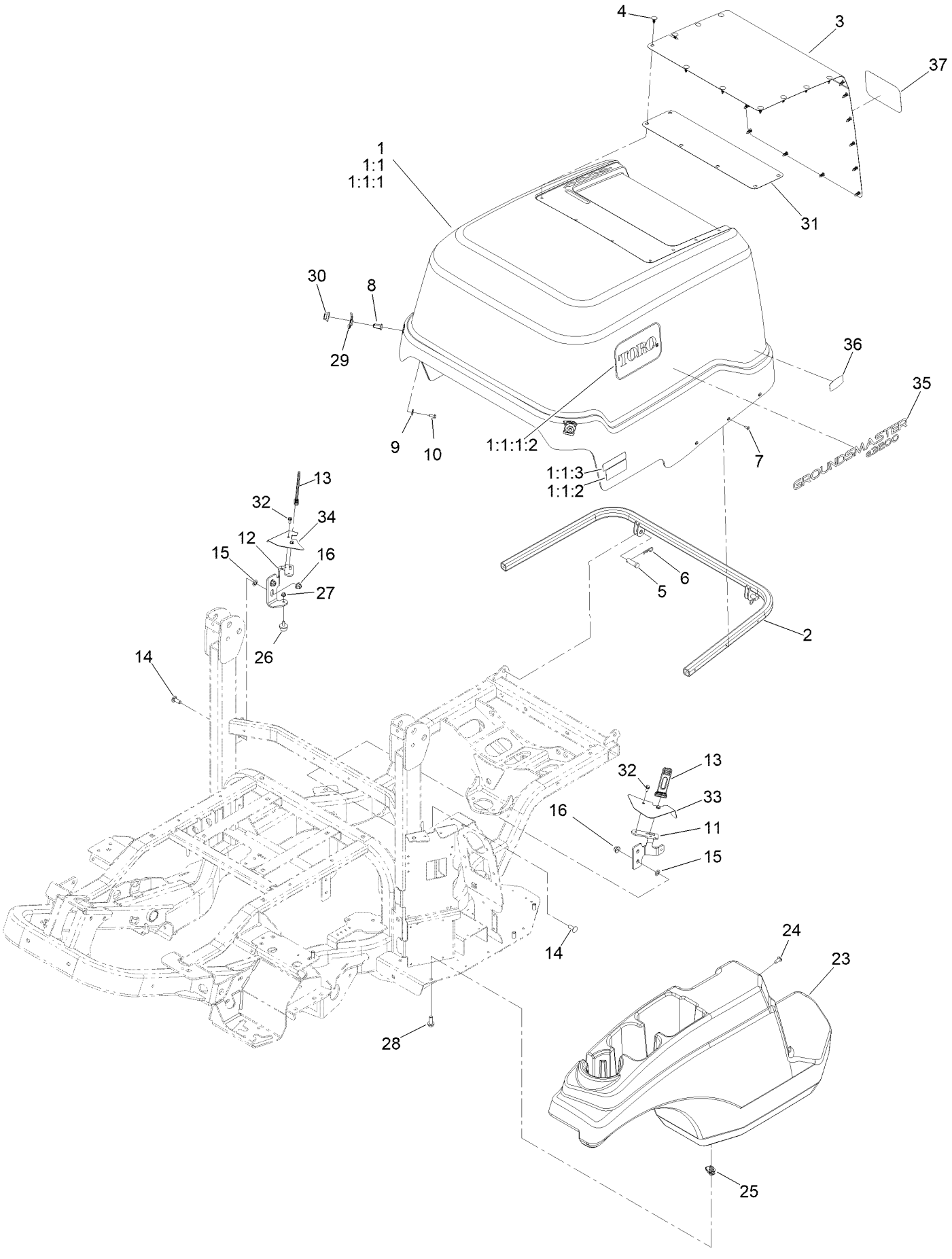
Main Wire Harness Assembly No. 122-2328



Main Wire Harness Assembly No. 122-2328 (continued)

Ref.	Part Number	Qty.	Description
18	121-8861	1	Fuse-Mini Blade, 2 Amp
20	121-8865	3	Fuse-Mini Blade, 7.5 Amp
21	121-8866	2	Fuse-Mini Blade, 10 Amp
22	32180-089	1	Cap-Plug, 3 Way
23	32180-056	1	Cap
26	117-4724	2	Fuse-Blade, 10A
27	32180-156	2	Cap-Plug, 6 Way
28	122-1131	1	Conn, Capacitor-Sealed
36	32180-091	2	Cap-Dust, 2 Way
44	32180-567	3	Cover-Aptiv, Modified
45	32180-176	1	Cover-Block, Fuse
46	32180-177	1	Clip-Mounting
47	32180-103	1	Clip-Connector
50	32180-260	1	Cap-Deutsch, Dust, 4 Way
51	117-4723	1	Fuse-Blade, 7.5A

Hood Assembly

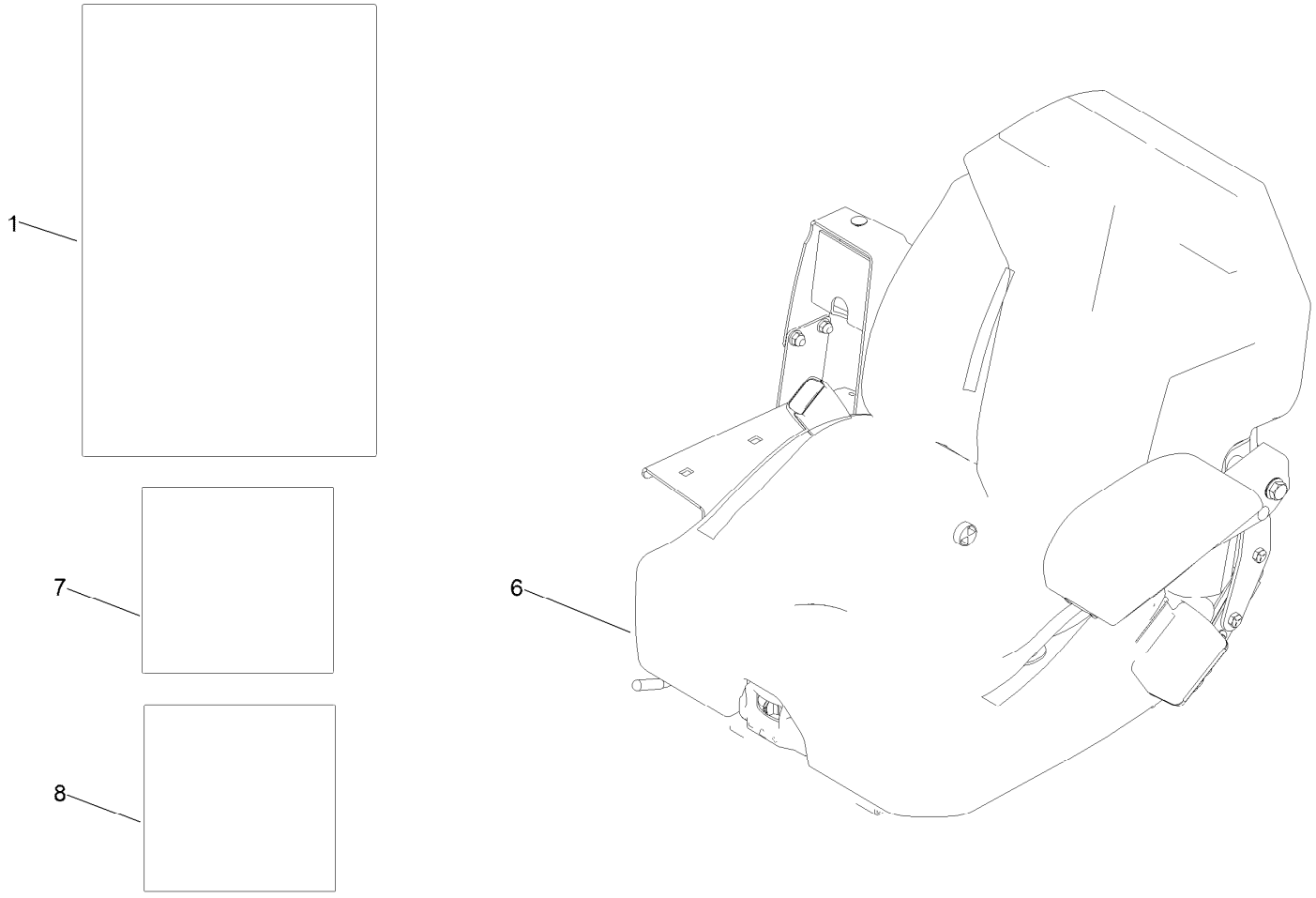


Hood Assembly (continued)

Ref.	Part Number	Qty.	Description
1	147-5081SP	1	Hood ASM W/Decals
1:1		1	Hood ASM W/Decals ●
1:1:1		1	Hood ASM ●
1:1:1:2	62-7400	2	Decal-Toro Logo
1:1:2	161-2443	1	Decal-Charging
1:1:3	144-7008	1	Decal-Service, Shut-Off
2	138-7331-03	1	Support-Hood
3	161-0814-03	1	Cover-Hood
4	117-2382	24	Plug-Plastic
5	283-68	2	Pin-Clevis
6	3290-467	2	Pin-Hair
7	114439	10	Rivet-Blind
8	147-5113	2	Hub-Strap, Hood
9	3256-78	2	Washer-Flat
10	137-3014	2	Screw-HH Lock
11	147-5111-03	1	Bracket-Hood, LH
12	147-5112-03	1	Bracket-Hood, RH
13	131-8402	2	Strap-Down, Hold
14	3231-22	4	Screw-CARR
15	107-3154	4	Nut-Push
16	104-8301	4	Nut-HF, NI
23	147-2060	1	Cover, LH
24	138-9753	4	Screw
25	140-1146	4	Nut-Clip, U
26	109-2365	1	Bumper-Rubber
27	104-7201	1	Nut-HF, NI
28	33105-030	4	Screw-HHF
29	147-5114	2	Shield-Strap, Hood
30	32128-56	2	Nut-HF
31	161-0811-03	1	Plate-Cover
32	32144-4	4	Screw-HWH
33	161-2433-03	1	Shield-Hood, LH
34	161-2434-03	1	Shield-Hood, RH
35	147-2105	2	Decal-Hood, E3200
36	119-7580	2	Decal-Smart, Energy
37	99-4693	1	Decal

● Not serviced separately

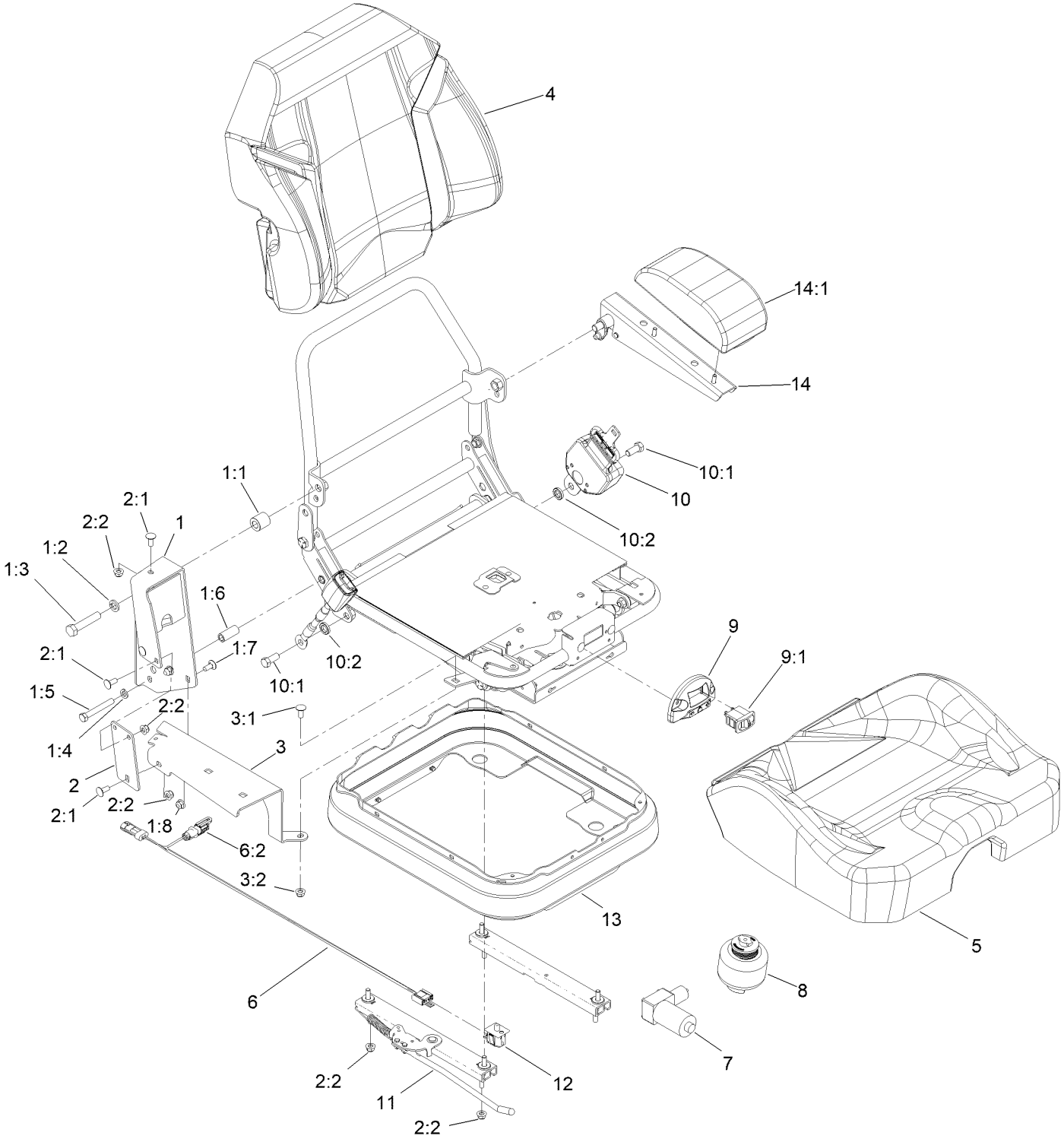
Miscellaneous Parts Assembly



Miscellaneous Parts Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-3952	1	Decal-Slope
6	161-0807	1	Seat ASM-Air Ride
7	161-7660	1	Decal-Sound, 97 Db
8	161-7661	1	Decal-Sound, 102 Db

Air Ride Suspension Seat Assembly No. 161-0807



Air Ride Suspension Seat Assembly No. 161-0807 (continued)

Ref.	Part Number	Qty.	Description
1	140-7112	1	Upper Console Mount Kit
1:1	140-7113	1	Spacer
1:2	3253-7	1	Washer-Lock
1:3	325-10	1	Screw-HH
1:4	3253-21	1	Washer-Lock
1:5	323-13	1	Screw-HH
1:6	140-7114	1	Spacer
1:7	3230-23	2	Bolt-CARR
1:8	104-8300	2	Nut-HF, NI
2	140-7103	1	Bracket Kit
2:1	3230-23	4	Bolt-CARR
2:2	104-8300	8	Nut-HF, NI
3	140-7115	1	Lower Console Mount Kit
3:1	3230-23	1	Bolt-CARR
3:2	104-8300	1	Nut-HF, NI
4	125-3112	1	Cover-Back
5	125-3111	1	Cover-Cushion
6	122-2735	1	Harness-Wire, Seat
6:2	32180-091	1	Cap-Dust, 2 Way
7	140-7120	1	Air Compressor Kit
8	140-7121	1	Air Bag Kit
9	140-7122	1	Air Valve Kit
9:1	126-2747	1	Valve-Air Adjust
10	140-7116	1	Seat Belt Kit
10:1	3212-4	2	Screw-HH
10:2	140-7108	2	Spacer
11	144-0458	1	Track Kit
12	145-3520	1	Switch-Plunger, On-(On)
13	126-8559	1	Bellows-Seat
14	140-7110	1	Armrest-Deluxe, With Pad
14:1	140-7111	1	Pad-Armrest
99	140-7119	1	Harness-Air Ride ●

● Not illustrated

Attachments and Accessories

For 31800 — Groundsmaster e3200 2-Wheel Drive Traction Unit

Product Name	Model/Part
Operator Cooling Fan	03247
Premium Transmission/Hydraulic Tractor Fluid (5 Gallon Pail)	108-1184
Paint-Black Bottle	112-0176
Paint-Red Pen	112-0177
Paint-Red Bottle	112-0178
42 Pound Weight	114-4096
Seat Cover (with Arm Rest)	117-0095
Charger Cable Assembly	122-3489
Charger Cable Assembly	122-3490
Charger Cable Assembly	122-3491
PX Hydraulic Fluid (5 Gal)	133-8086
PX Hydraulic Fluid (55 Gal)	133-8087
Wrench-Caster Cap/Latch	138-6367
Toro Premium Synthetic, Biodegradable Transmission/Hydraulic Fluid (5 Gallon Pail)	138-9482
SMV Kit	139-2339
Work Lights Kit, Groundsmaster and Reelmaster Traction Units with Universal Sunshade	140-1554
Universal Wireless Hourmeter Kit	144-2436
Blade-20.50 Low Flow	145-1114
Blade-20.50 Med Flow	145-1115
Blade-20.50 Recycler	145-1116
Battery ASM	145-5385
Blade-20.50 Atomic	147-2082
Blade-24.50 Low Flow	147-2135
Blade-24.50 Med Flow (.204)	147-2136
Blade-24.50 Recycler (.204)	147-2137
Energy Expansion Kit	161-0859
Blade Kit, Low Flow (20.5) 3 pack	161-7645
Blade Kit, Med Flow (20.5) 3 pack	161-7646
Blade Kit, Recycler (20.5) 3 pack	161-7647
Blade Kit, Atomic (20.5) 3 pack	161-7648
Blade-24.50 Atomic (.204)	161-7649
White Universal Sunshade	30669
Red Universal Sunshade	30671
60in SD Deck	31890
60in RD Deck	31891
72in Side discharge deck	31892
72in Rear discharge deck	31893
Seat Assembly-Standard	32301
Seat Assembly-Mechanical Suspension	32302
Air Ride Seat Kit	32303
Recycler Kit (60in/152cm RD)	32306
LED Work Light Kit (ROPS)	32307
Road Light Kit (EU)	32308
North American Road Light Kit	32309
Back-up Alarm	32310
Beacon Kit	32313

Attachments and Accessories (continued)

Switch Panel, Groundsmaster e3200 2-Wheel Drive Traction Unit with Universal Sunshade 32314
Energy Expansion Mounting Kit 32317
Recycler Kit, Groundsmaster e3200 Traction Unit with 60in Side Discharge Rotary Mower 32319
Recycler Kit, 72in RD Electric Deck 32322
Recycler Kit, 72in SD Electric Deck 32323
Toro Red 12oz Aerosol Can 361-10
Semi-Gloss Black Spray Paint 361-9
Transmission Oil Filter 86-3010

Notes:

Notes:



Count on it.