



Count on it.

Parts Catalog

Groundsmaster® e3200 **2-Wheel Drive Traction Unit**

Model No. 31800—Serial No. 400000000 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

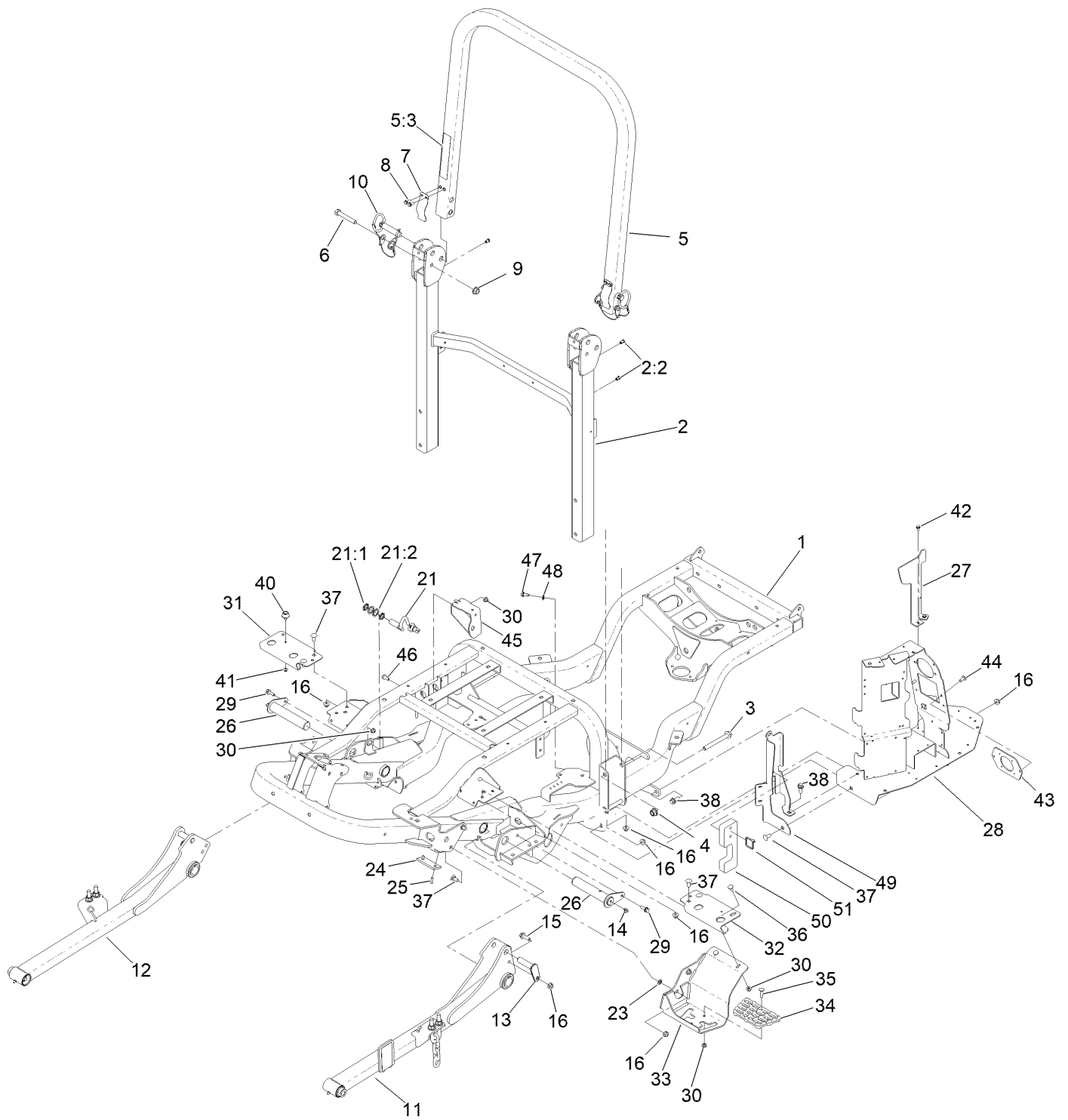
In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

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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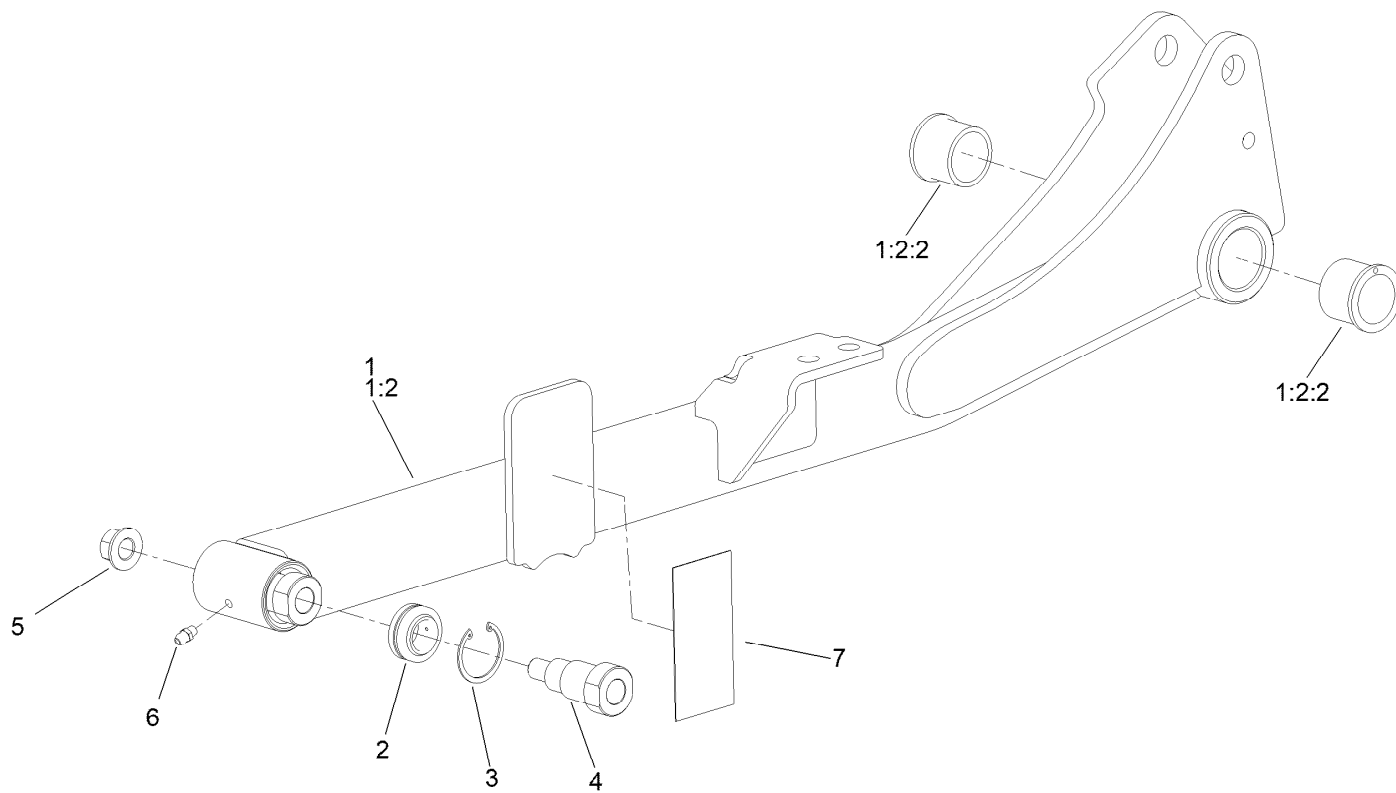
Frame and Roll-Over Protection System Assembly



Frame and Roll-Over Protection System 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	145-0980-03	1	Frame ASM, Welded	28	145-1032-03	1	Charge Panel, Welded
2	139-6254	1	ROPS ASM, Lower	29	3234-29	2	Screw-HHF
2:2	138-2760	4	Nut-Clinch, Hex	30	104-8300	6	Nut-HF, NI
3	117-3176	4	Screw-HHF	31	139-0940-03	1	Bracket-Tank Mount, Front RH
4	99-5107	4	Nut-HF Nylock	32	138-7365-03	1	Bracket-Tank Mount, Front LH
5	138-7470	1	ROPS ASM, Upper	33	139-0927-01	1	Bracket-Mount, Step
5:3	108-2073	1	Decal-Warning	34	126-4781	1	Step-Deck
6	325-13	2	Screw-HH	35	3230-3	1	Screw-CARR
7	110-5696	2	Spring-Leaf	36	3230-23	2	Bolt-CARR
8	32105-15	4	Screw-HWH	37	3231-27	7	Screw-CARR
9	32128-23	2	Nut-HF	38	3234-42	2	Screw-HHF
10	103-4553	2	ROPS Fold Pin ASM	40	109-2365	1	Bumper-Rubber
11	144-3943	1	Lift Arm ASM. LH	41	104-7201	1	Nut-HF, NI
12	144-3942	1	Lift Arm ASM. RH	42	32144-4	2	Screw-HWH
13	138-7489	2	Pin (Machined)	43	161-0851-03	1	Adapter-Charger
14	302-40	2	Fitting-Grease, 90 DEG	44	138-9753	2	Screw
15	119-4061	2	Screw-HHF	45	161-0856-0P	1	Bracket-Release, Brake
16	104-8301	11	Nut-HF, NI	46	139-2598	1	Screw-HHF
21	115-5300	1	Proximity Switch ASM	47	32144-70	1	Screw-HWHTF
21:1	117-3207	2	Nut-Hex	48	120-9683	1	Washer-Plain
21:2	117-3208	2	Washer-Lock, Internal Tooth	49	161-7629-03	1	Shield-Pdu
23	107-3154	2	Nut-Push	50	161-7628	1	Foam-Seal, Cable
24	138-4452	2	Pad-Stop, Deck	51	3290-379	1	Tie-Cable
25	3289-4	4	Screw-FH				
26	145-1130	2	Pin ASM, Welded				
27	161-0822-0P	1	Bracket-Deflector				

LH Lift Arm Assembly No. 144-3943

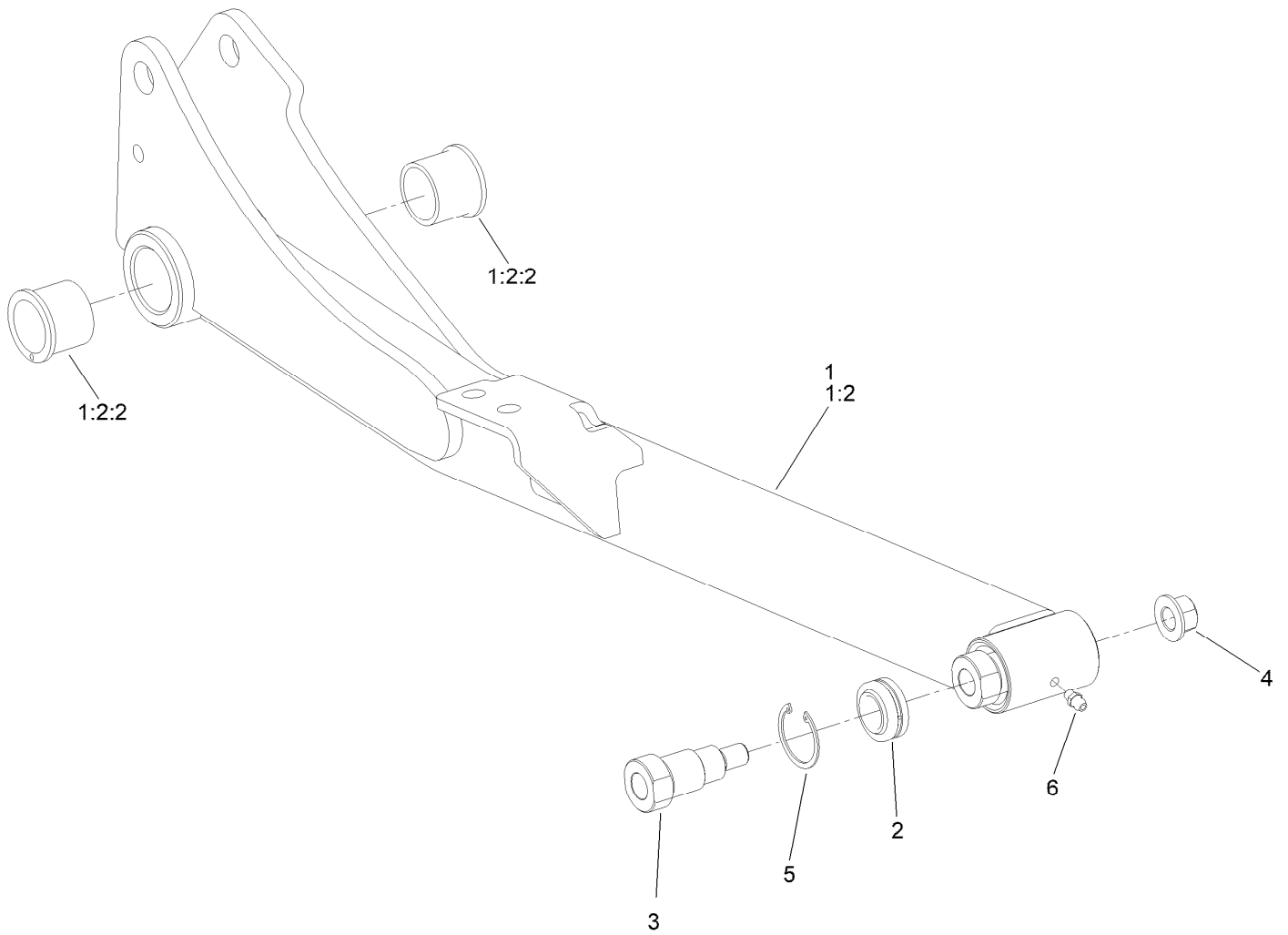


LH Lift Arm Assembly No. 144-3943 (continued)

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

● Not serviced separately

RH Lift Arm Assembly No. 144-3942

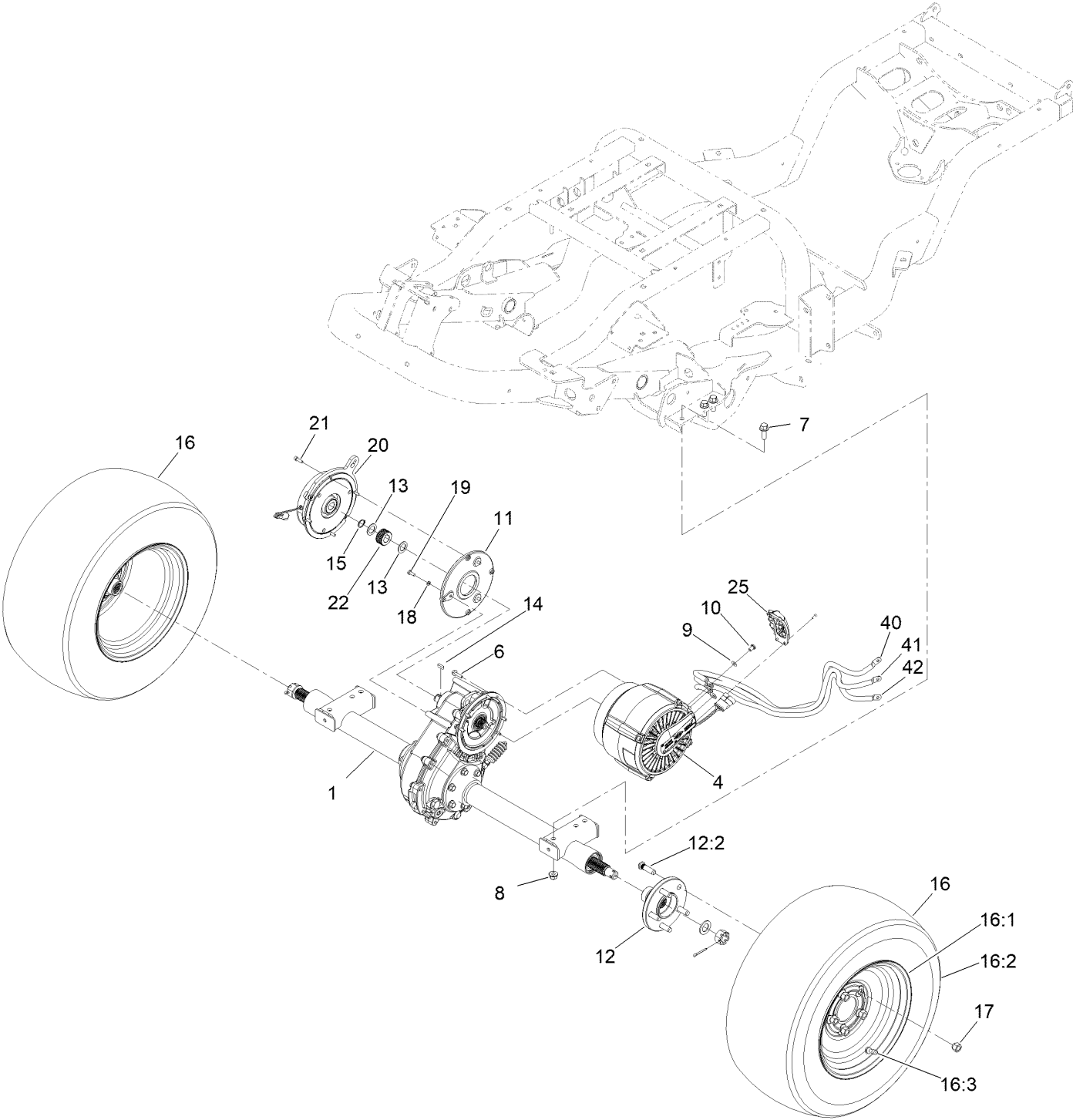


RH Lift Arm Assembly No. 144-3942 (continued)

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

● Not serviced separately

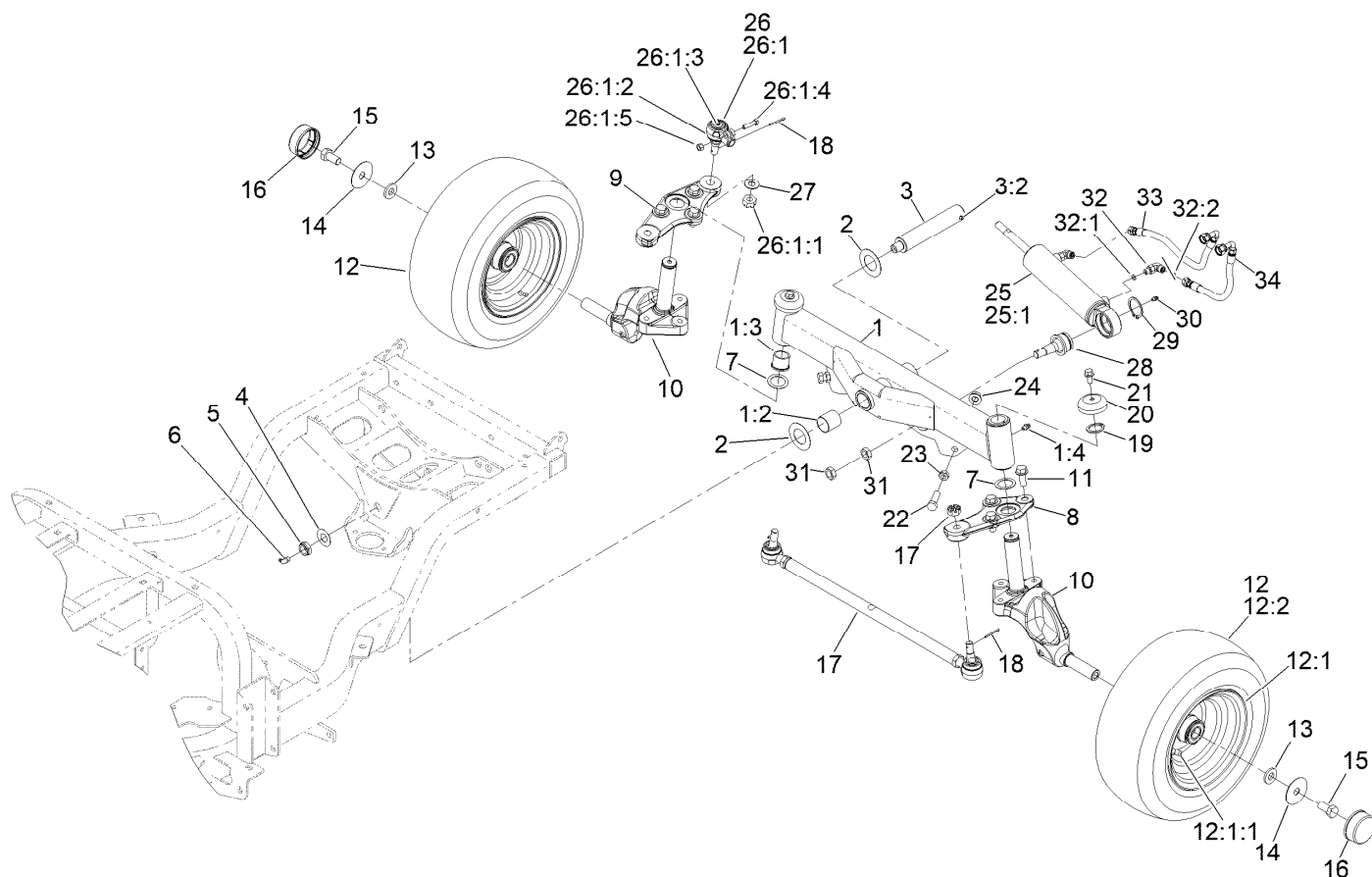
Axle, Wheel and Motor/Generator Assembly



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

Rear Axle and Wheel Assembly



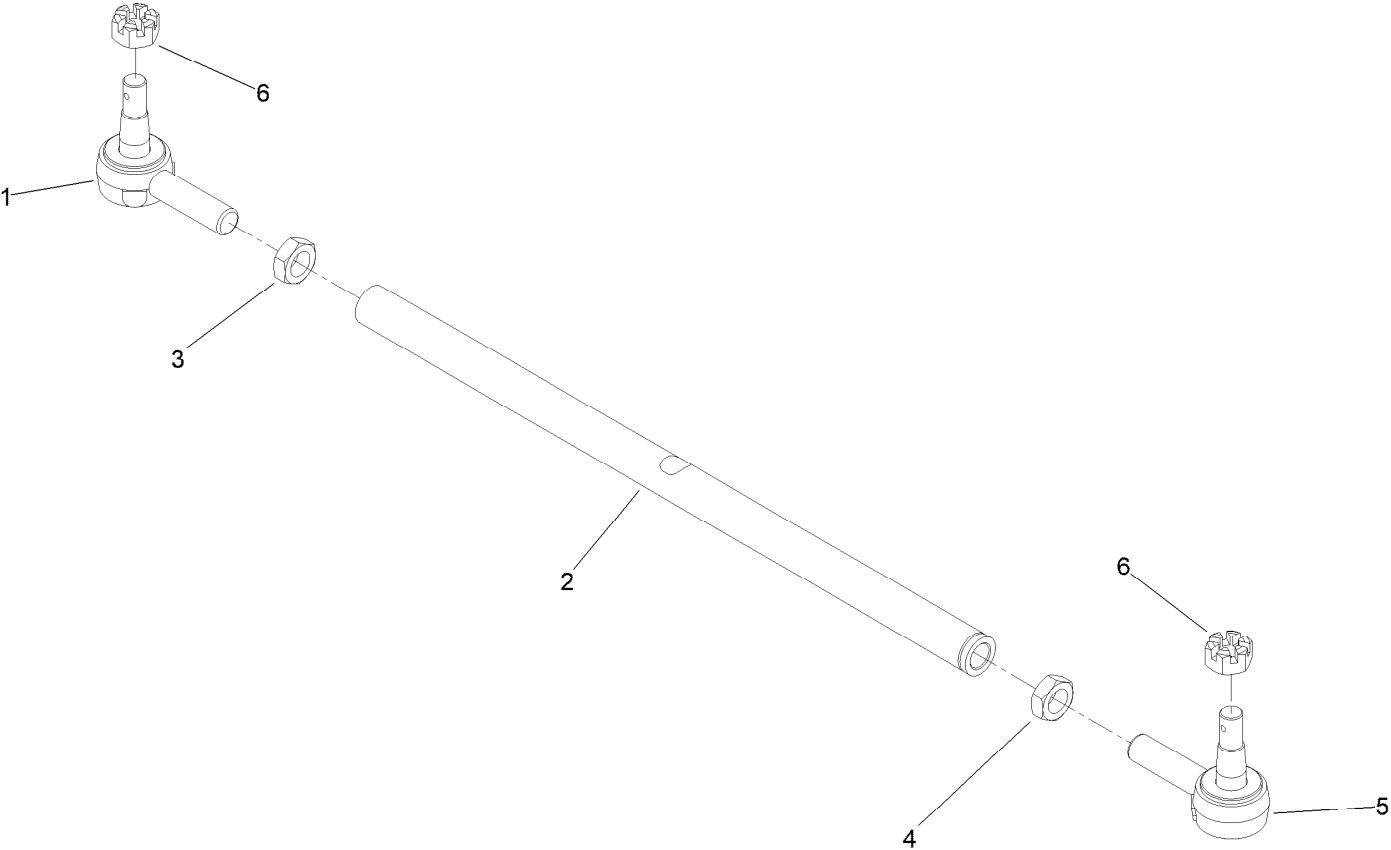
Rear Axle and Wheel Assembly (continued)

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

● Not illustrated

■ Not serviced separately

Tie Rod Assembly No. 144-3900

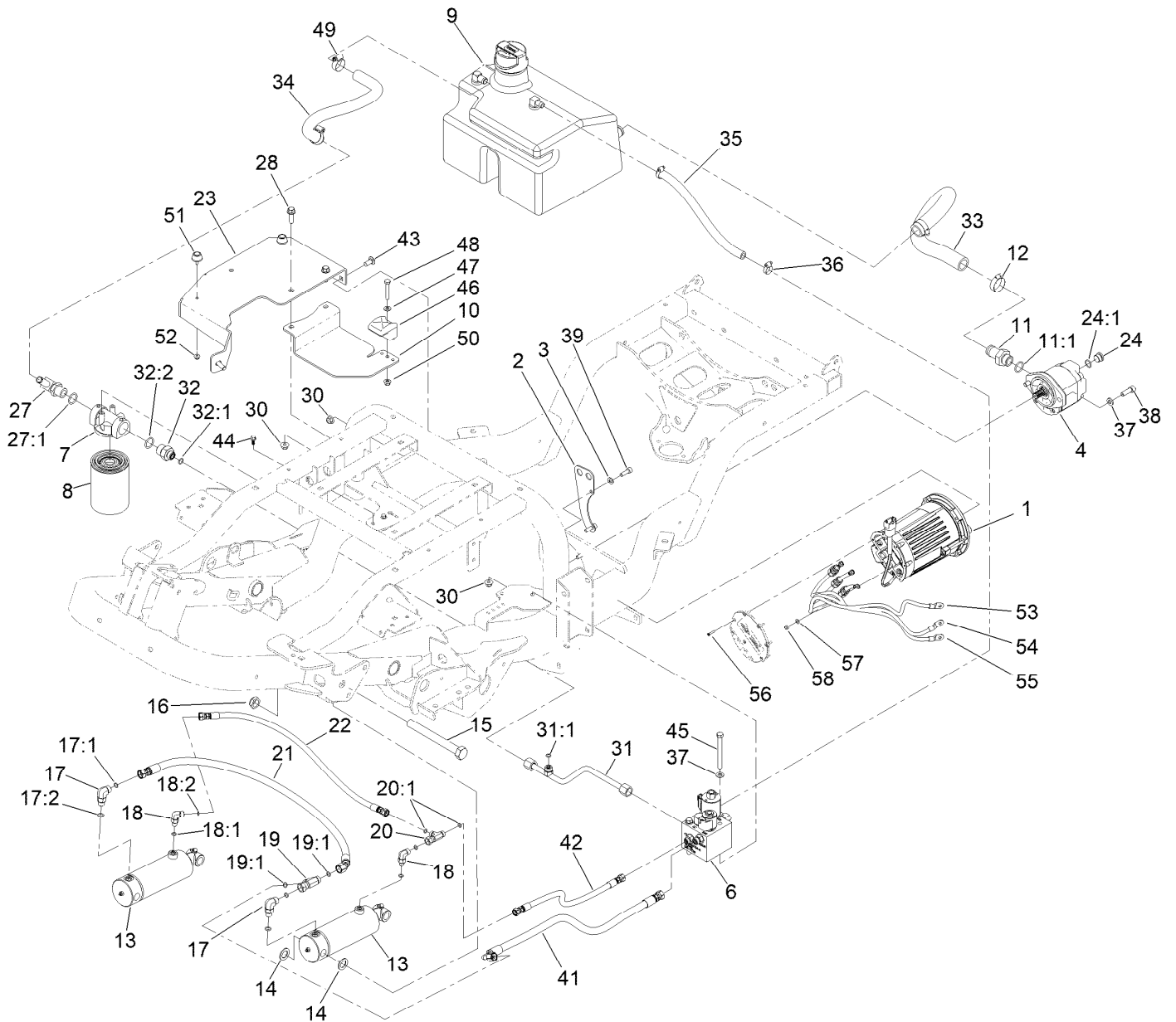


Tie Rod Assembly No. 144-3900 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-3901	1	Tie Rod End
2	133-6463	1	Tie-Rod
3	84-5300	1	Nut-Jam

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	110-5337	1	Nut-Jam
5	144-3902	1	Tie Rod End
6	140-6135	2	Nut-Hex, Slotted

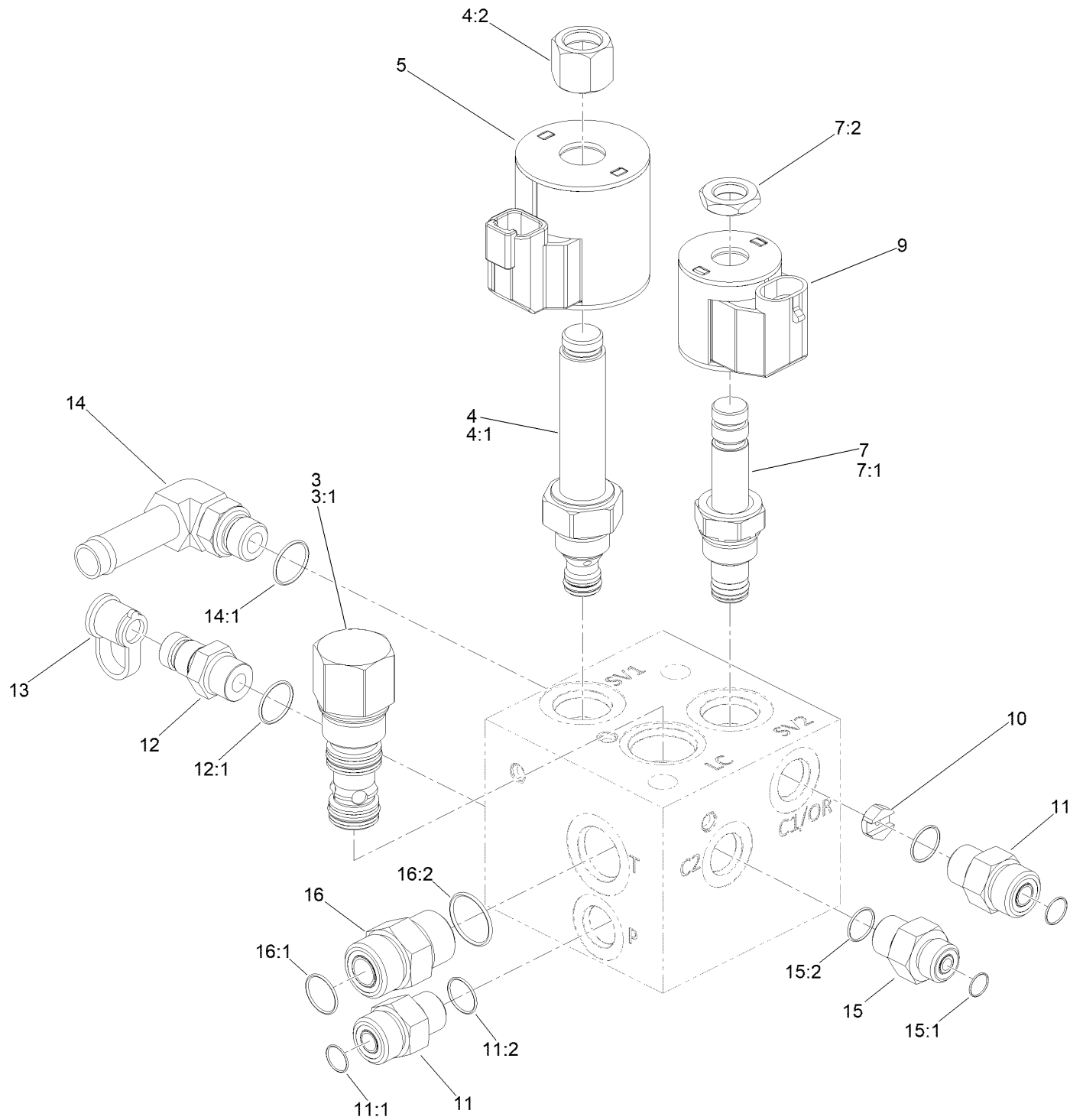
Hydraulic Assembly



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

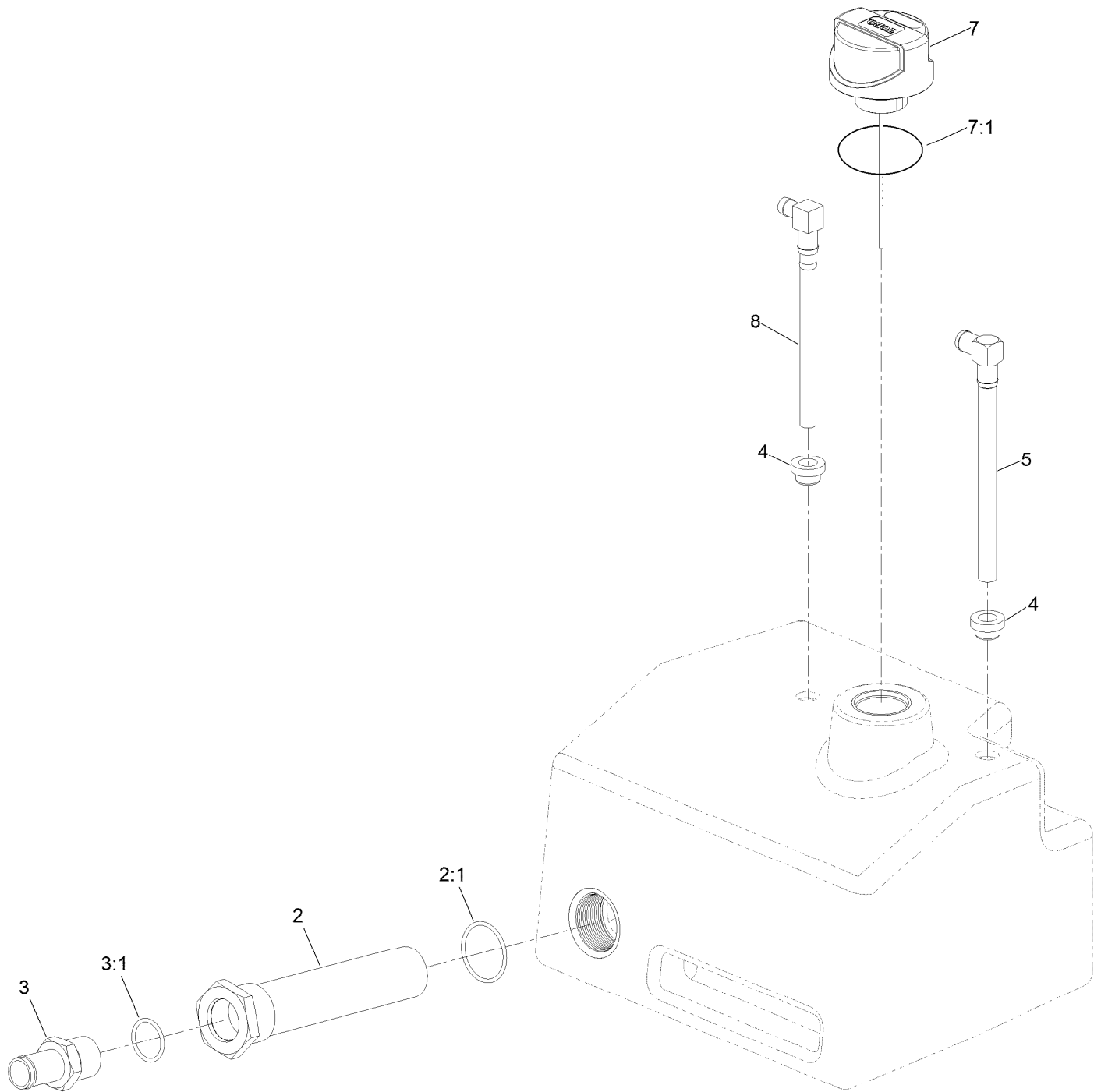
Steering/Lift Manifold Assembly No. 145-0939



Steering/Lift Manifold Assembly No. 145-0939 (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>
3	105-9153	1	Element-Logic, Vented	11:2	237-42	1	O-Ring
3:1	119-2159	1	Seal Kit	12	59-7410	1	Fitting-Diagnostic
4	147-2117	1	Valve-Relief, Proportional	12:1	237-42	1	O-Ring
4:1	126-9388	1	Seal Kit	13	354-79	1	Cap-Dust
4:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)	14	109-6449	1	Fitting-Elbow, 90
5	119-4619	1	Coil-Solenoid	14:1	237-42	1	O-Ring
7	112-9206	1	Solenoid Valve ASM	15	340-1	1	Fitting-Straight
7:1	105-9156	1	Seal Kit	15:1	237-21	1	O-Ring
7:2	110-2634	1	Nut-Coil	15:2	237-42	1	O-Ring
9	110-0497	1	Coil-Solenoid	16	340-4	1	Fitting-Straight
10	139-6296	1	Orifice-Check 0.100 DIA	16:1	237-30	1	O-Ring
11	340-2	2	Fitting-Straight	16:2	237-79	1	O-Ring
11:1	237-22	1	O-Ring				

Hydraulic Tank Assembly N0. 145-1053

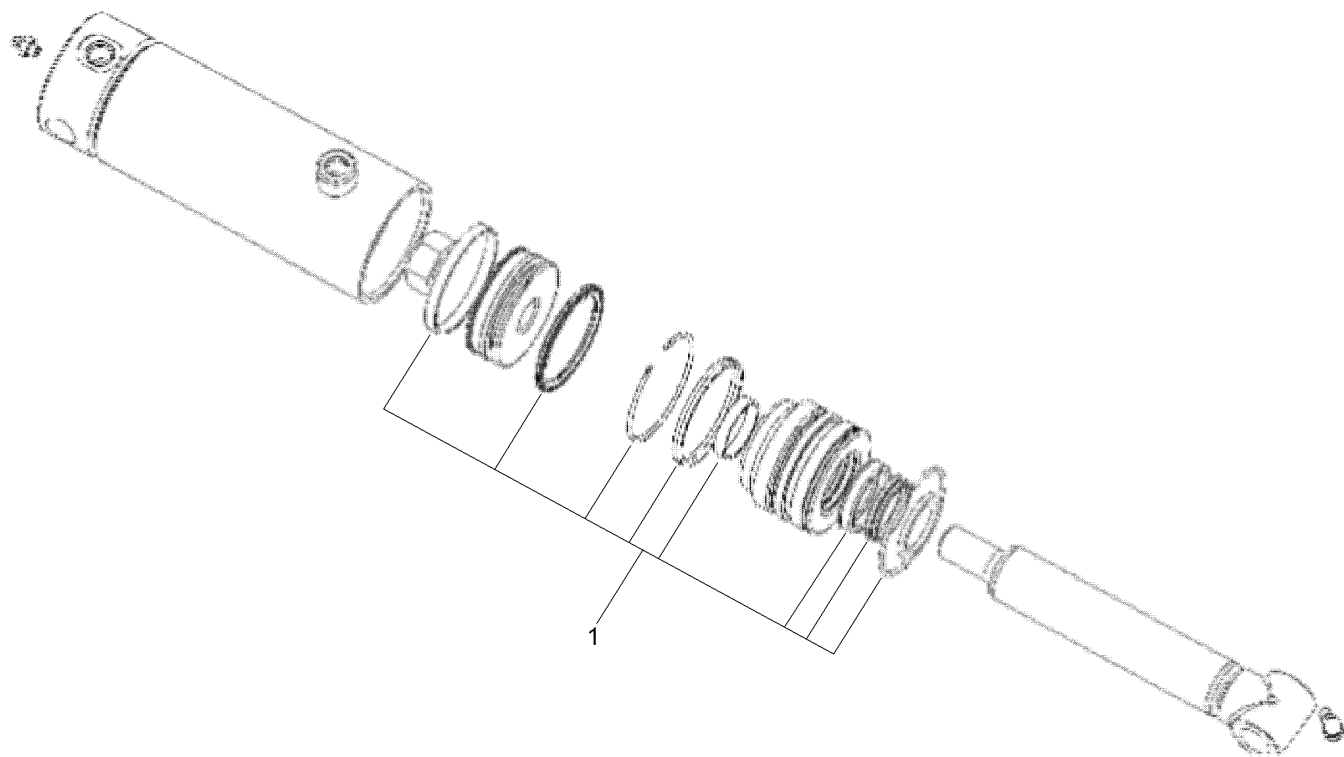


Hydraulic Tank Assembly N0. 145-1053 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

Hydraulic Cylinder No. 139-0854

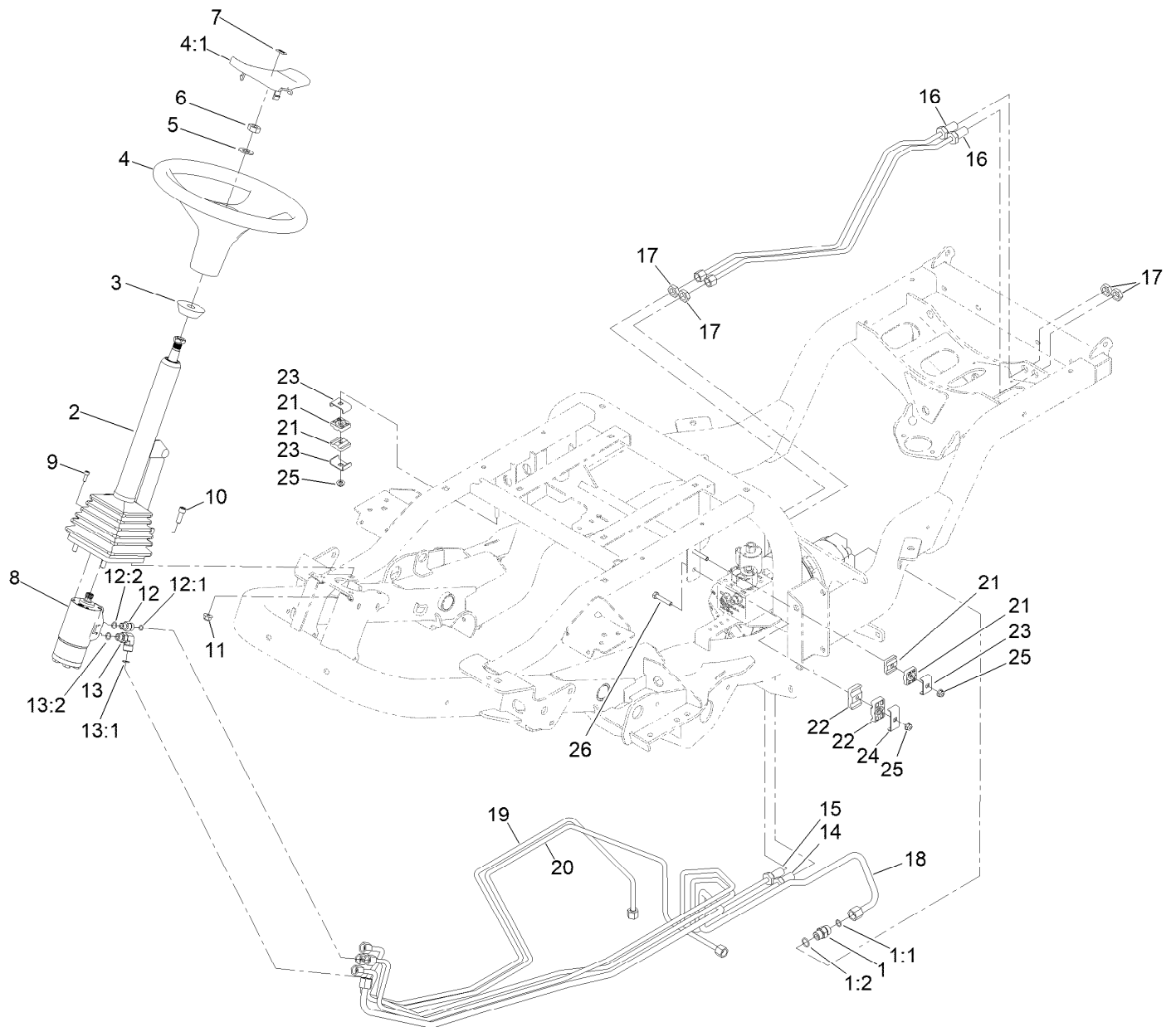


Hydraulic Cylinder No. 139-0854 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	140-3110	1	Kit-Seal ●

● Not illustrated

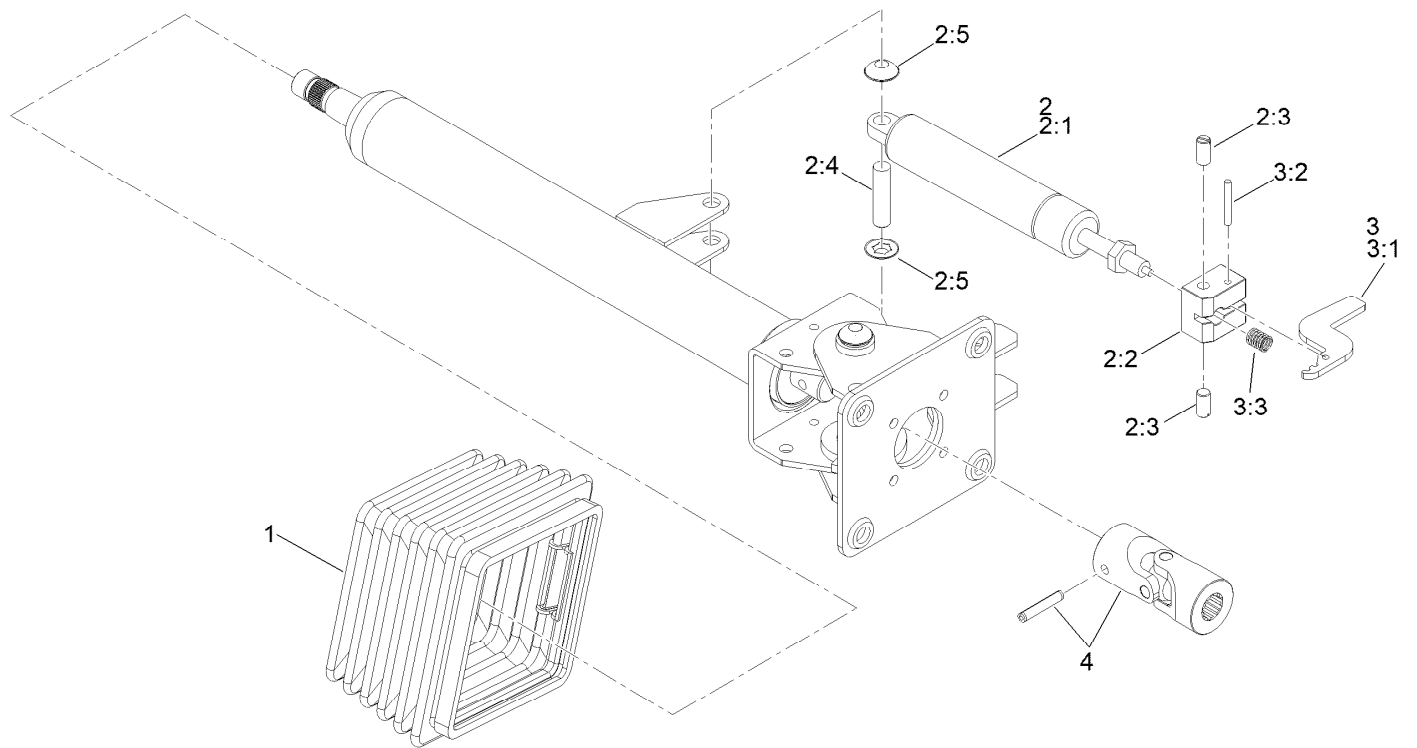
Steering Assembly



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

Steering Column Assembly No. 139-0857



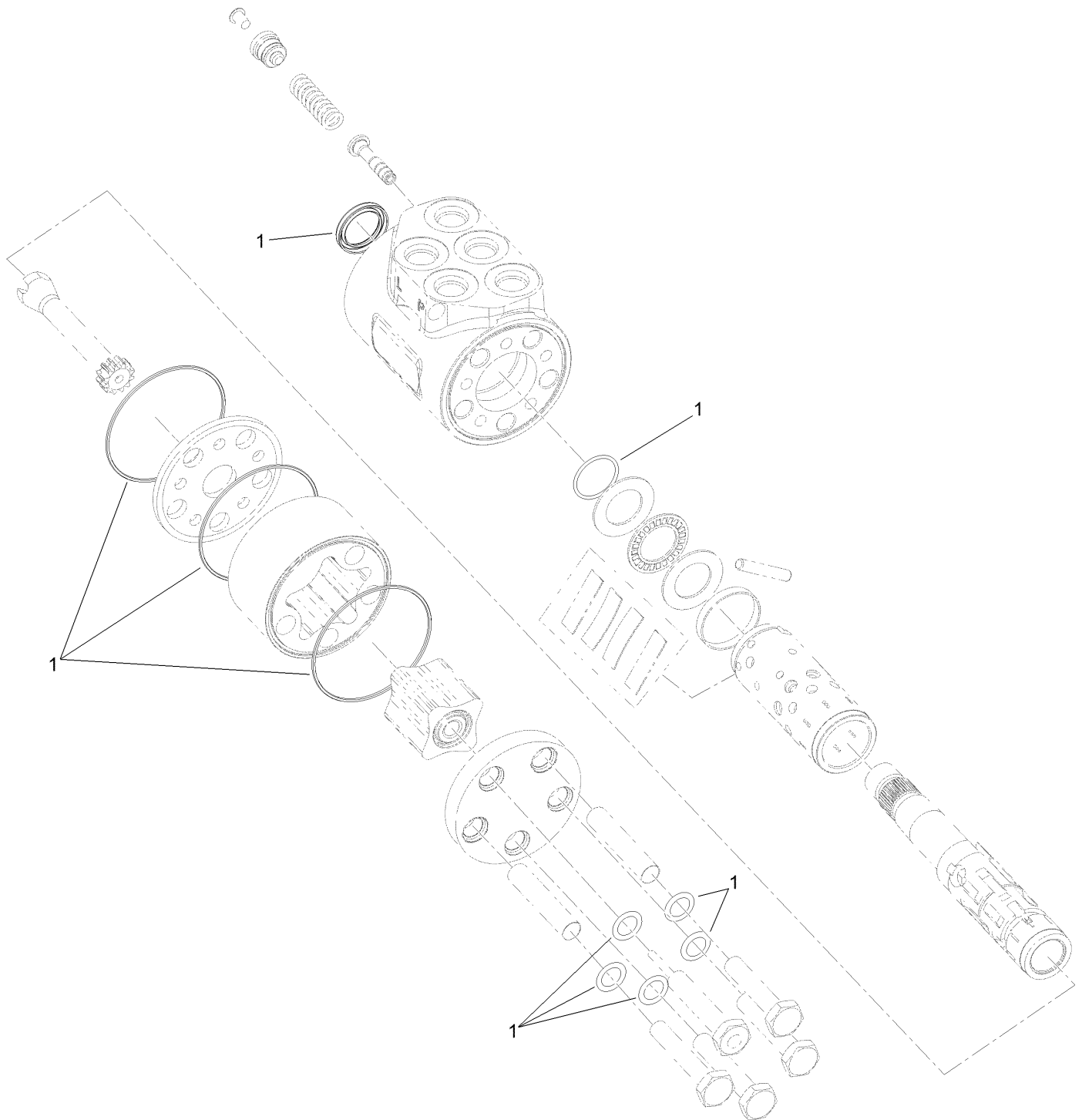
Steering Column Assembly No. 139-0857 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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 ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

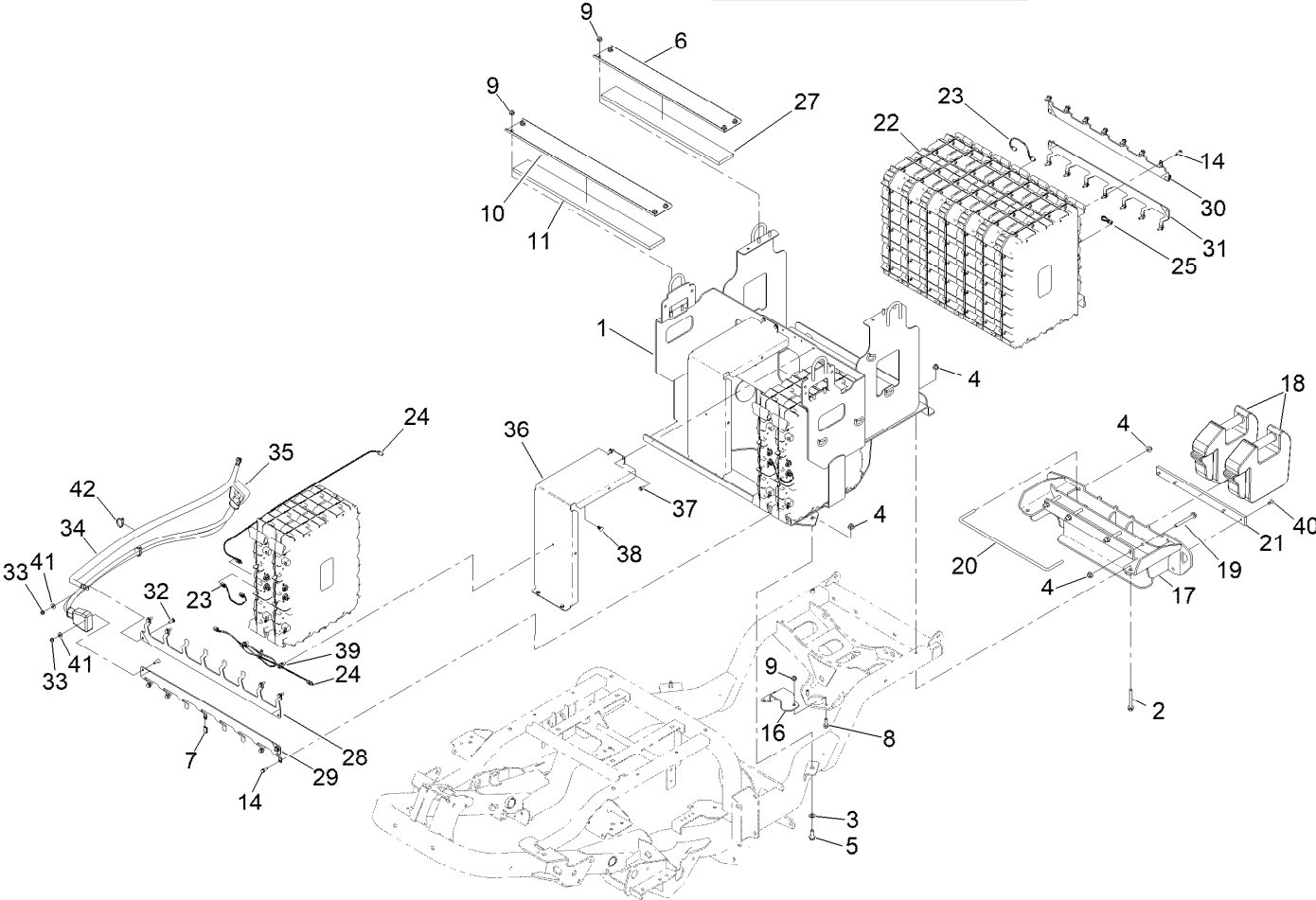
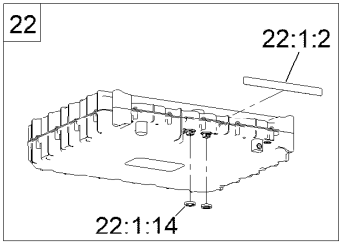
Steering Valve Assembly No. 114-8119



Steering Valve Assembly No. 114-8119 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-6716	1	Seal Kit

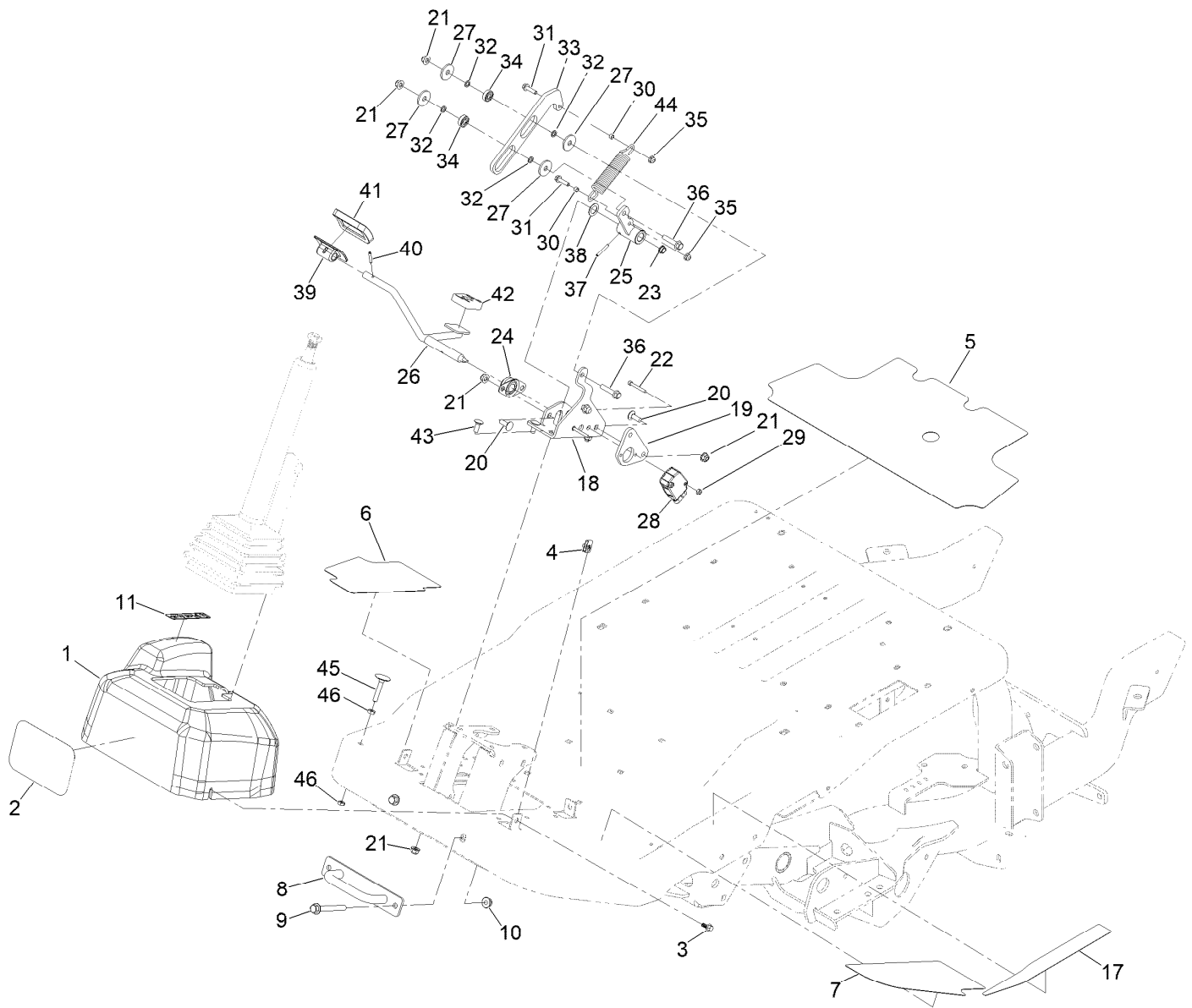
Battery Assembly



Battery 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	145-0931-03	1	Battery Tray, Welded	23	140-9565	8	Harness-Wire, Data Interface
2	139-2429	2	Screw-HHF	24	122-2412	2	Harness-Wire,Data Interface,34.5 In
3	3256-24	2	Washer-Plain	25	122-2323	1	Harness-Wire, Can Terminator
4	104-8301	10	Nut-HF, NI	27	147-5051	1	Pad-Foam, Short
5	3234-42	2	Screw-HHF	28	147-2131	1	Busbar-8, Bk
6	147-2149-03	1	Channel-Support, Short	29	147-2132	1	Busbar-8, Rd
7	147-5053	8	Cap-Vinyl	30	147-2133	1	Busbar-7, Bk
8	115-5142	2	Screw-HHF, Patch	31	147-2134	1	Busbar-7, Rd
9	104-8300	10	Nut-HF, NI	32	1-807512	6	Bolt-CARR
10	147-2148-03	1	Channel-Support, Long	33	104-7201	6	Nut-HF, NI
11	147-5050	1	Pad-Foam, Long	34	122-2905	1	Cable-Battery, Bk ASM
14	145-5783	22	Screw-Sems	35	122-2906	1	Cable-Battery, Rd ASM
16	145-0977-03	1	Bracket-Support	36	147-5052-0P	2	Case-Battery Spacer
17	145-5981-03	1	Bumper-Rear Wa	37	32144-4	8	Screw-HWH
18	114-4096	2	Weight	38	133-0875	2	Rivet-Push
19	3234-41	4	Screw-HHF	39	32180-030	2	Clip-Tie
20	125-2667	1	Lock-Weight	40	3269-11	4	Rivet-Pop
21	144-4014	1	Bumper-Rubber	41	3256-2	6	Washer-Flat
22	145-5320	11	Battery ASM	42	3290-378	2	Tie-Cable
22:1:2	145-5338	1	Decal-Warning, Battery				
22:1:14	32180-466	2	Nut-Mounting, Jwpf Panel Lock				

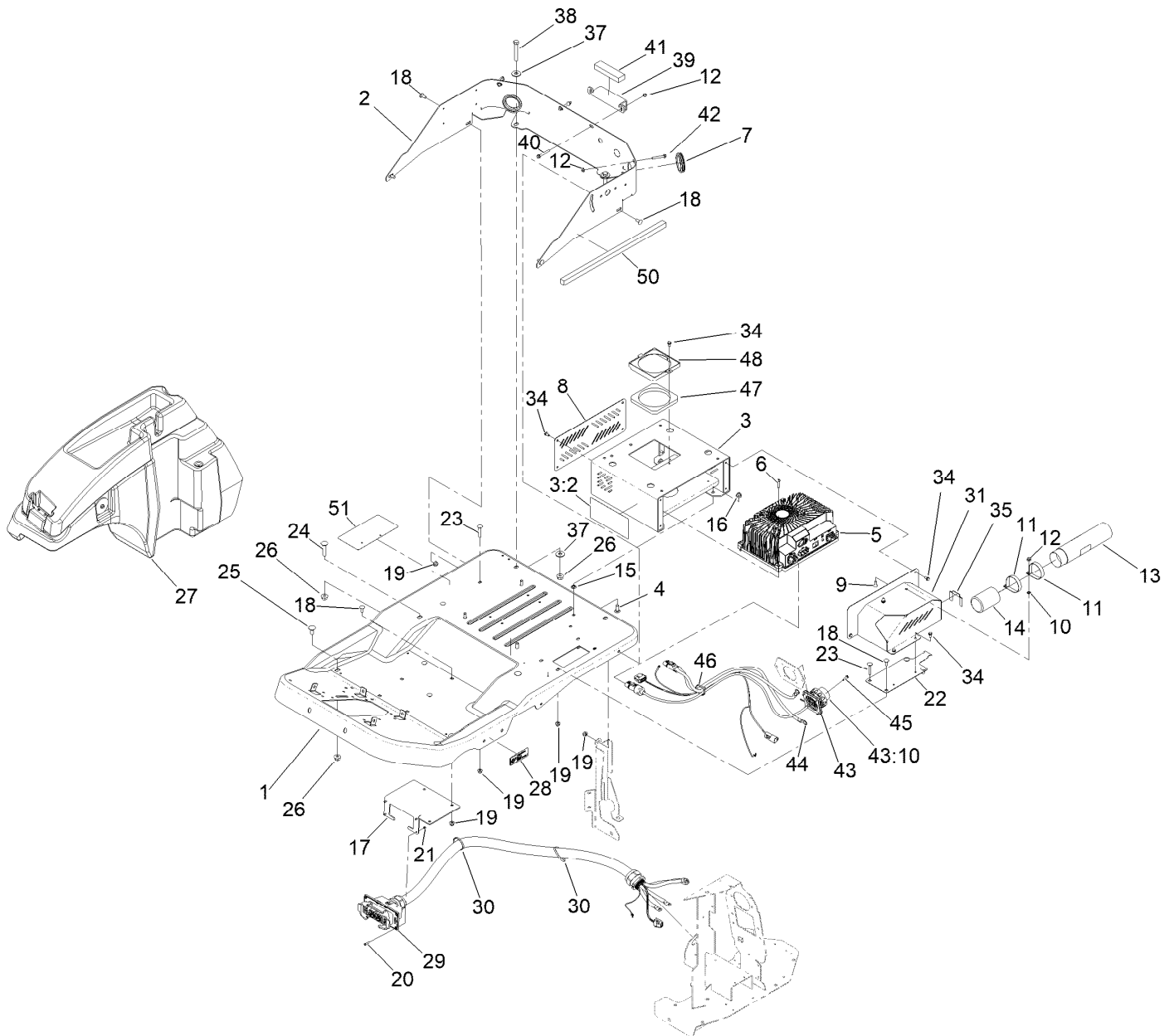
Pedal Assembly



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

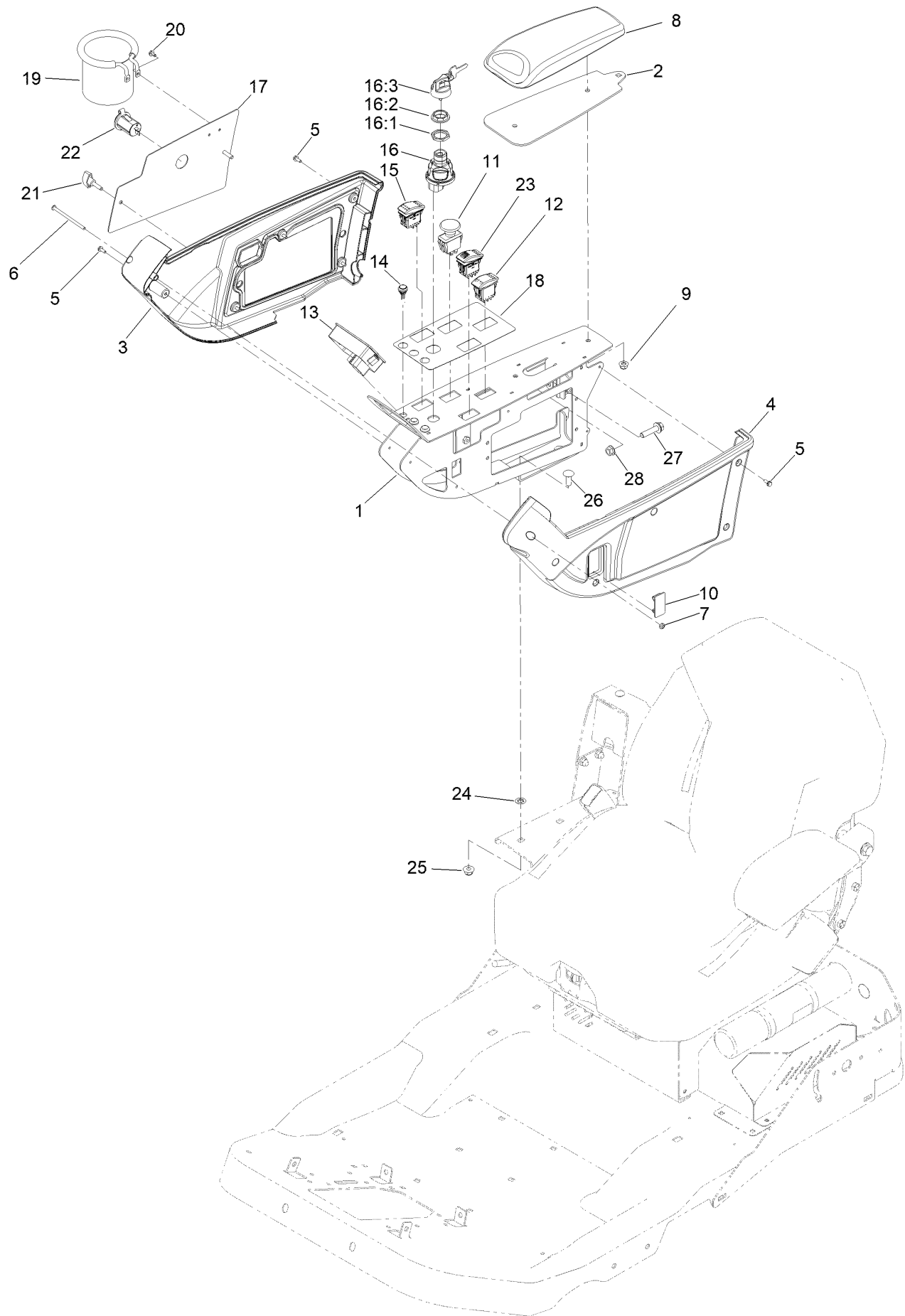
Platform Assembly



Platform 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	144-4030-01	1	Platform-Stamped	25	3232-1	2	Screw-CARR
2	161-7626-03	1	Shield-Platform, Rear	26	114-8417	6	Nut-HF, NI
3	147-5144	1	Seat Base ASM	27	147-2093	1	Storage Bin ASM
3:2	139-6215	1	Decal-Warning	28	106-9206	2	Decal-Torque, Wheel
4	3231-22	4	Screw-CARR	29	122-2784	1	Harness-Wire, Machine
5	147-5148	1	Charger-Onboard, 3.3Kw	30	3290-379	2	Tie-Cable
6	132-6777	4	Screw-Twh Thd Roll	31	147-5135-03	1	Cover ASM, Welded
7	240-12	2	Grommet-Rubber	34	32144-4	9	Screw-HWH
8	147-5139-01	1	Plate-Cover, RH	35	147-5147	3	Trim
9	1-807512	2	Bolt-CARR	37	3256-40	4	Washer-Flat
10	104-8310	2	Ring-Retaining	38	324-12	2	Screw-HH
11	107-1865	2	R-Clamp	39	139-2166-0P	1	Bracket-Hood Support
12	104-7201	6	Nut-HF, NI	40	3234-34	2	Screw-HHF
13	104-7050	1	Tube-Manual	41	139-6202	1	Foam-Strip
14	104-7048	1	Cap-Housing	42	125-4287	2	Screw-HHF
15	107-3154	4	Nut-Push	43	122-3367	1	Harness-Wire, AC Charger
16	104-8301	4	Nut-HF, NI	43:10	32180-579	1	Cover-Scame, Tethered, White
17	147-2073-0P	1	Brkt-Connector	44	122-3390	1	Harness-Wire, DC Charger
18	3230-23	9	Bolt-CARR	45	100-4351	4	Screw-HWH
19	104-8300	13	Nut-HF, NI	46	3290-378	1	Tie-Cable
20	119-7444	4	Screw-HSBH	47	161-2462	1	Foam-Baffle
21	140-3749	4	Nut-Lock Rohs	48	161-2460-0P	1	Baffle ASM, Welded
22	147-2096-01	1	Plate-Cover	50	139-6207	1	Foam-Strip
23	116-0629	4	Screw-CARR	51	161-2469	1	Decal-Service, Gm E3200
24	3232-5	2	Screw-CARR				

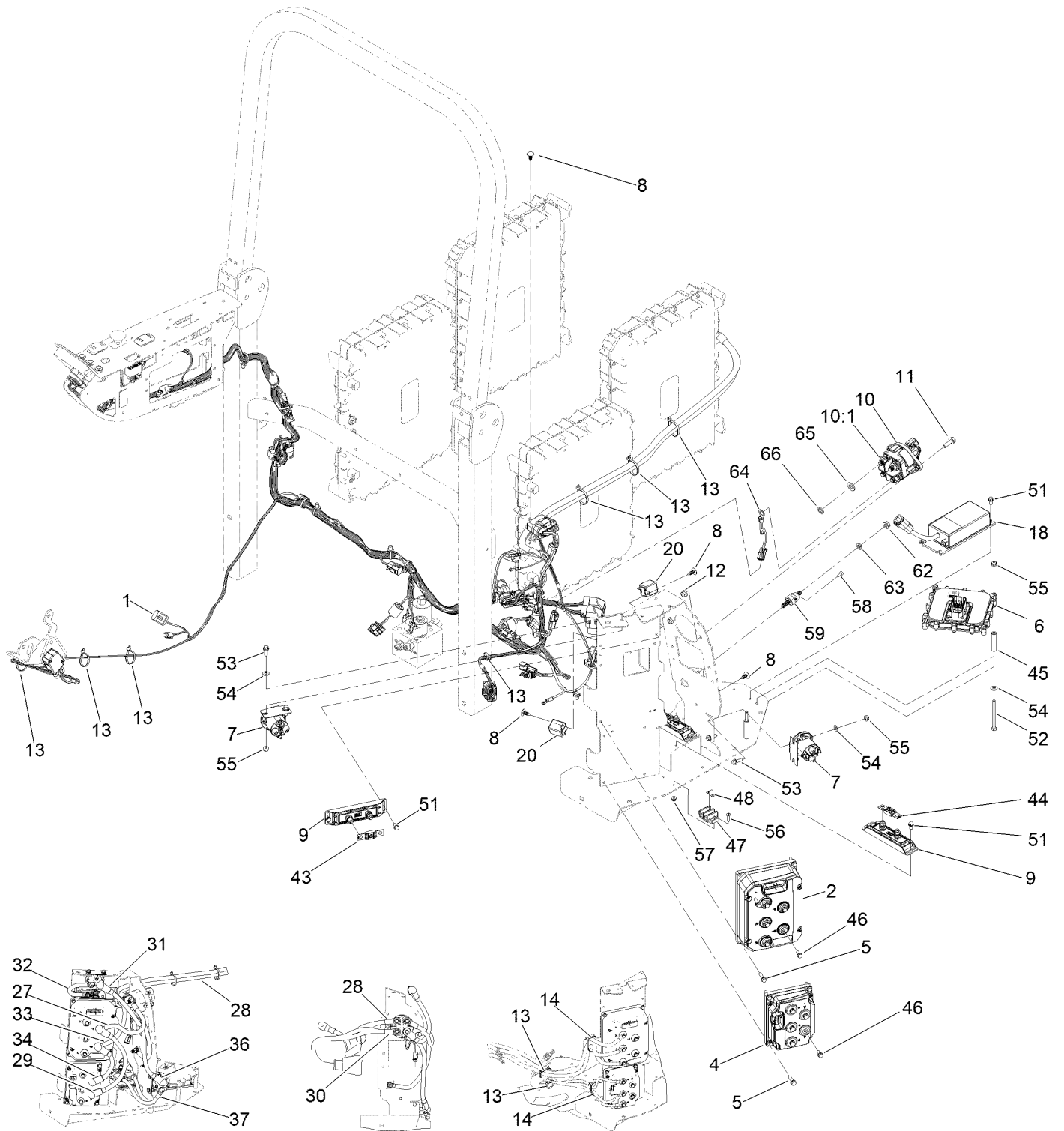
Control Console Assembly



Control Console 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	145-1040-03	1	Panel ASM, Welded	16:1	121-5160	1	Nut-Hex
2	138-4548-03	1	Plate-Spacer, Console Pad	16:2	122-2704	1	Nut-Face, M22 (Plastic)
3	108-7605	1	Cover-RH	16:3	121-5162	1	Set-Key, Ignition
4	108-7604	1	Cover-LH	17	147-2144-03	1	Cover ASM, Welded
5	32144-112	10	Screw-HWH	18	147-2074	1	Decal-Console
6	3250-22	1	Screw-PPH	19	117-2378	1	Holder-Bag
7	3296-12	1	Nut-Lock, NI	20	104-2065	2	Screw-HWH
8	131-9637	1	Armrest-Quick Find	21	126-5846	2	Knob-T
9	104-8300	2	Nut-HF, NI	22	140-7955	1	Port-Power, USB
10	99-7420	1	Plug-Hole	23	122-3518	1	Switch-Rocker, On-None-On
11	93-9999	1	Switch-PTO	24	107-3154	2	Nut-Push
12	122-0304	1	Switch-Rocker, (On)-Off-(On)	25	104-8301	2	Nut-HF, NI
13	122-1201	1	Module-Display	26	3231-22	2	Screw-CARR
14	136-9678	3	Switch-Pushbutton	27	139-2553	1	Screw-HHF
15	122-2854	1	Switch-Rocker, On-On-(On)	28	135-7193	1	Nut-Hex Flange
16	122-2513	1	Switch-Ignition, Suns				

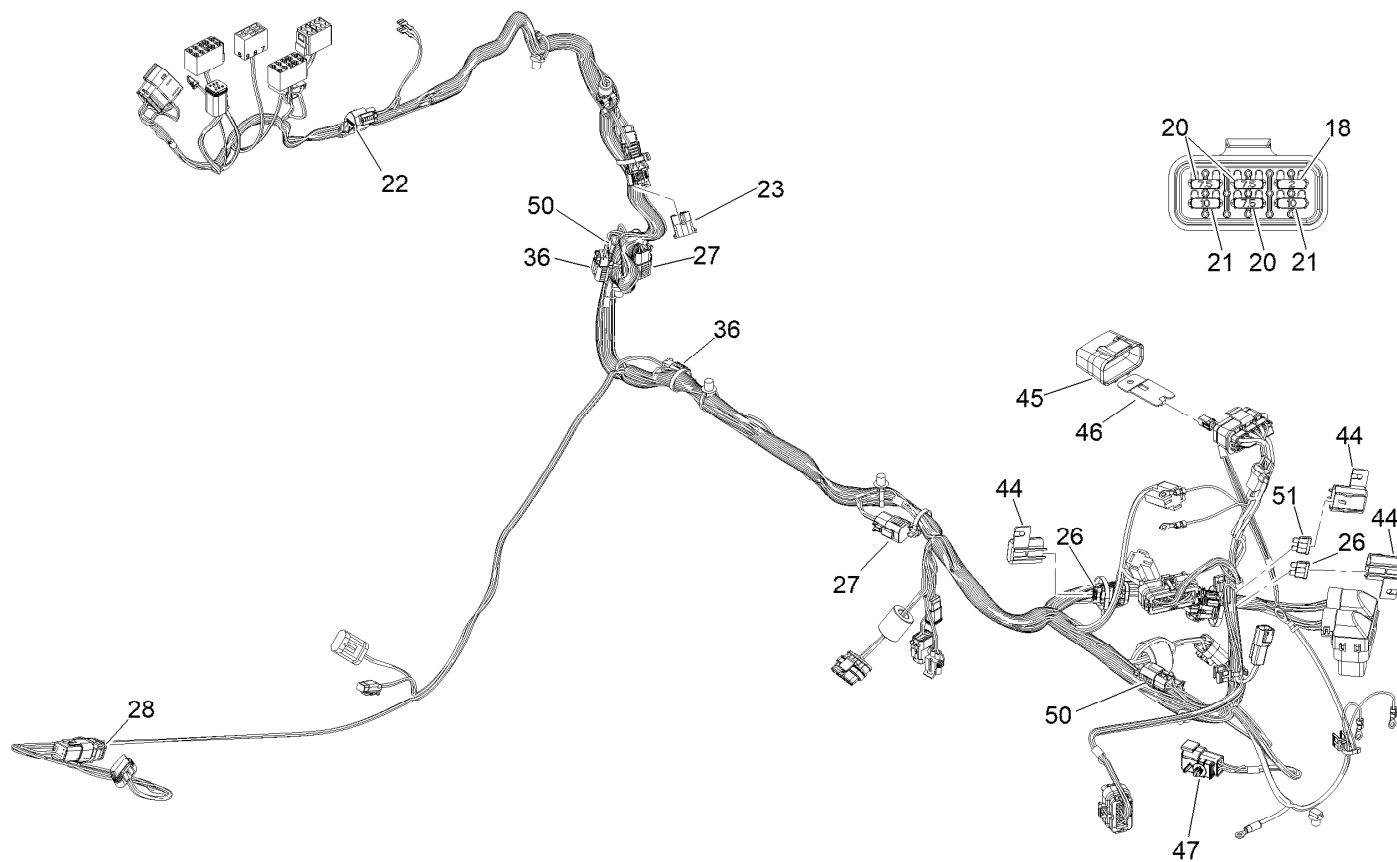
Electrical Assembly



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>
1	122-2328	1	Harness-Wire, Main	36	122-2697	1	Cable-Battery, Rd ASM
2	147-5068	1	Inv/Ctrlr-48V	37	122-2699	1	Cable-Battery, Rd ASM
4	145-7270	1	Inv/Ctrlr-48V	43	122-2561	1	Fuse-200A
5	32144-86	8	Screw-HWHTF	44	122-2559	2	Fuse-100 Amp
6	127-2770	1	Controller	45	145-1145	4	Spacer
7	145-3542	2	Contacto-DC, 12V	46	145-5782	10	Screw-Sems
8	117-2382	4	Plug-Plastic	47	42862	1	Block-Terminal, Ground
9	145-4958	3	Holder-Fuse	48	42863	1	Strip-Jumper
10	122-0603	1	Switch-Disconnect	51	32144-4	9	Screw-HWH
10:1	33006-00	1	Nut-HF	52	321-20	4	Screw-HH
11	3234-29	2	Screw-HHF	53	120-9678	4	Screw-HHF
12	104-8300	2	Nut-HF, NI	54	3256-22	8	Washer-Flat
13	3290-378	9	Tie-Cable	55	119-4040	8	Nut-HF, NI
14	3290-379	2	Tie-Cable	56	3250-13	2	Screw-PPH
18	144-6975	1	Converter DC-DC	57	138-0719	2	Nut-HF
20	122-2400	2	Relay, 12V Coil, 50A At 48V	58	105-6849	2	Screw-Forming, Thread
27	122-2903	1	Cable-Battery, Bk ASM	59	122-2411	1	Block-Junction, Black
28	122-2904	1	Cable-Battery, Bk ASM	62	3290-357	2	Nut-HSF
29	122-2690	1	Cable-Battery, Bk ASM	63	3253-21	2	Washer-Lock
30	122-2956	1	Cable-Battery, Rd ASM	64	122-3326	1	Harness-Wire, Battery Disconnect
31	122-2692	1	Cable-Battery, Rd ASM	65	147-3238	4	Washer-Flat
32	122-2693	1	Cable-Battery, Rd ASM	66	HDW14457	4	Split Lock Washer, 1/2, ST/ST, 18-8
33	122-2694	1	Cable-Battery, Rd ASM				
34	122-2695	1	Cable-Battery, Rd ASM				

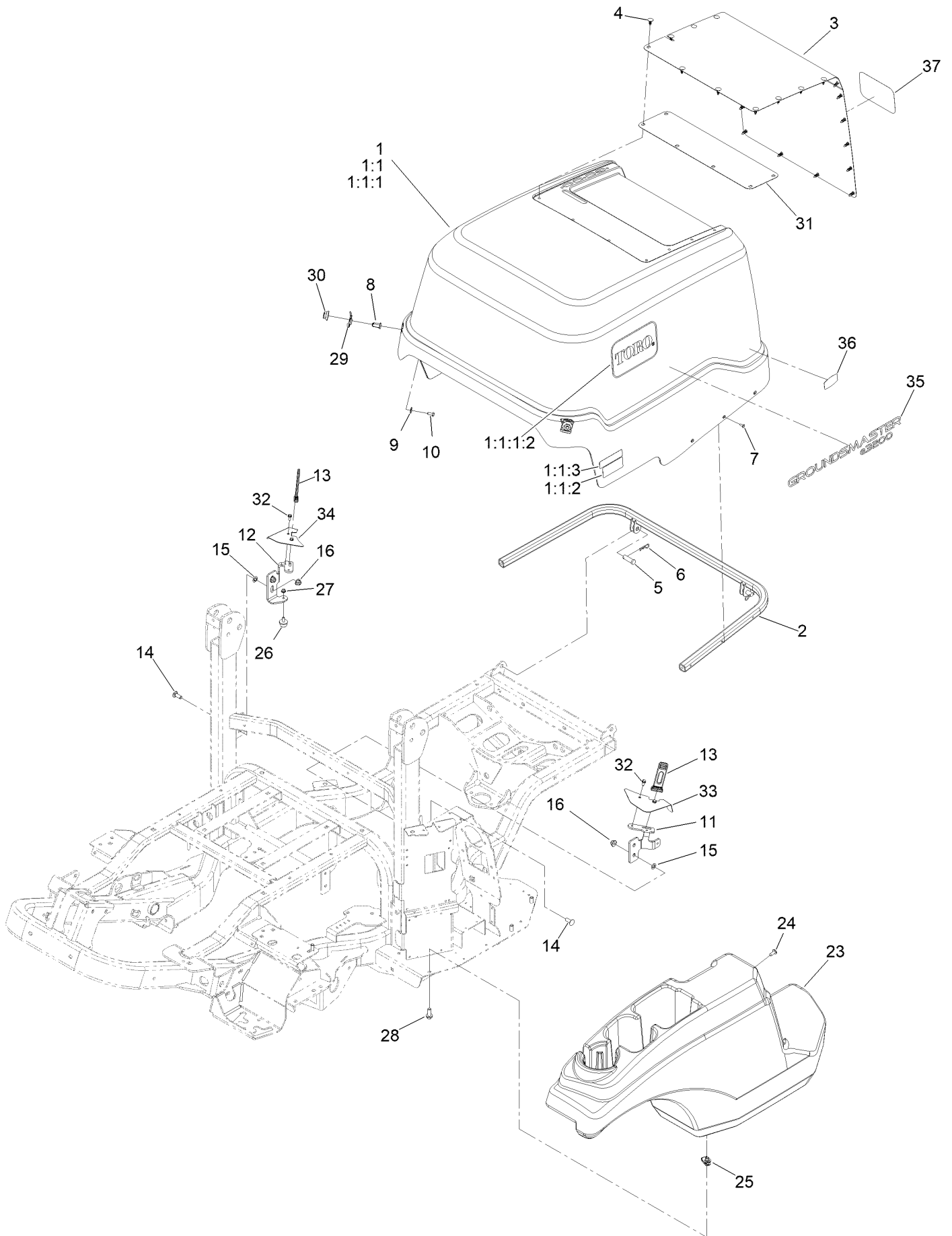
Main Wire Harness Assembly No. 122-2328



Main Wire Harness Assembly No. 122-2328 (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>
18	121-8861	1	Fuse-Mini Blade, 2 Amp	36	32180-091	2	Cap-Dust, 2 Way
20	121-8865	3	Fuse-Mini Blade, 7.5 Amp	44	32180-567	3	Cover-Aptiv, Modified
21	121-8866	2	Fuse-Mini Blade, 10 Amp	45	32180-176	1	Cover-Block, Fuse
22	32180-089	1	Cap-Plug, 3 Way	46	32180-177	1	Clip-Mounting
23	32180-056	1	Cap	47	32180-103	1	Clip-Connector
26	117-4724	2	Fuse-Blade, 10A	50	32180-260	1	Cap-Deutsch, Dust, 4 Way
27	32180-156	2	Cap-Plug, 6 Way	51	117-4723	1	Fuse-Blade, 7.5A
28	122-1131	1	Conn, Capacitor-Sealed				

Hood Assembly

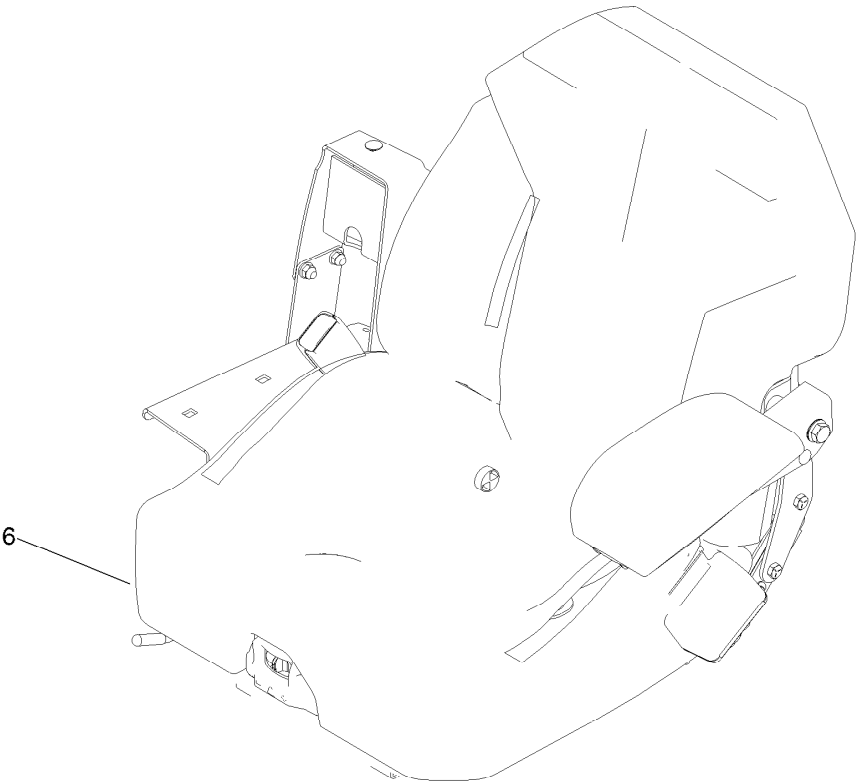
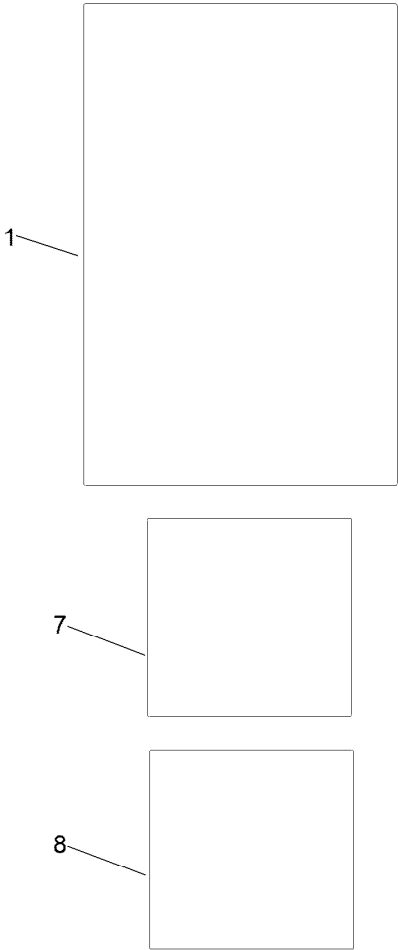


Hood Assembly (continued)

<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	147-5081SP	1	Hood ASM W/Decals	14	3231-22	4	Screw-CARR
1:1		1	Hood ASM W/Decals ●	15	107-3154	4	Nut-Push
1:1:1		1	Hood ASM ●	16	104-8301	4	Nut-HF, NI
1:1:1:2	62-7400	2	Decal-Toro Logo	23	147-2060	1	Cover, LH
1:1:2	161-2443	1	Decal-Charging	24	138-9753	4	Screw
1:1:3	144-7008	1	Decal-Service, Shut-Off	25	140-1146	4	Nut-Clip, U
2	138-7331-03	1	Support-Hood	26	109-2365	1	Bumper-Rubber
3	161-0814-03	1	Cover-Hood	27	104-7201	1	Nut-HF, NI
4	117-2382	24	Plug-Plastic	28	108-1531	4	Screw-HHF
5	283-68	2	Pin-Clevis	29	147-5114	2	Shield-Strap, Hood
6	3290-467	2	Pin-Hair	30	32128-56	2	Nut-HF
7	114439	10	Rivet-Blind	31	161-0811-03	1	Plate-Cover
8	147-5113	2	Hub-Strap, Hood	32	32144-4	4	Screw-HWH
9	3256-78	2	Washer-Flat	33	161-2433-03	1	Shield-Hood, LH
10	137-3014	2	Screw-HH Lock	34	161-2434-03	1	Shield-Hood, RH
11	147-5111-03	1	Bracket-Hood, LH	35	147-2105	2	Decal-Hood, E3200
12	147-5112-03	1	Bracket-Hood, RH	36	119-7580	2	Decal-Smart, Energy
13	131-8402	2	Strap-Down, Hold	37	99-4693	1	Decal

● Not serviced separately

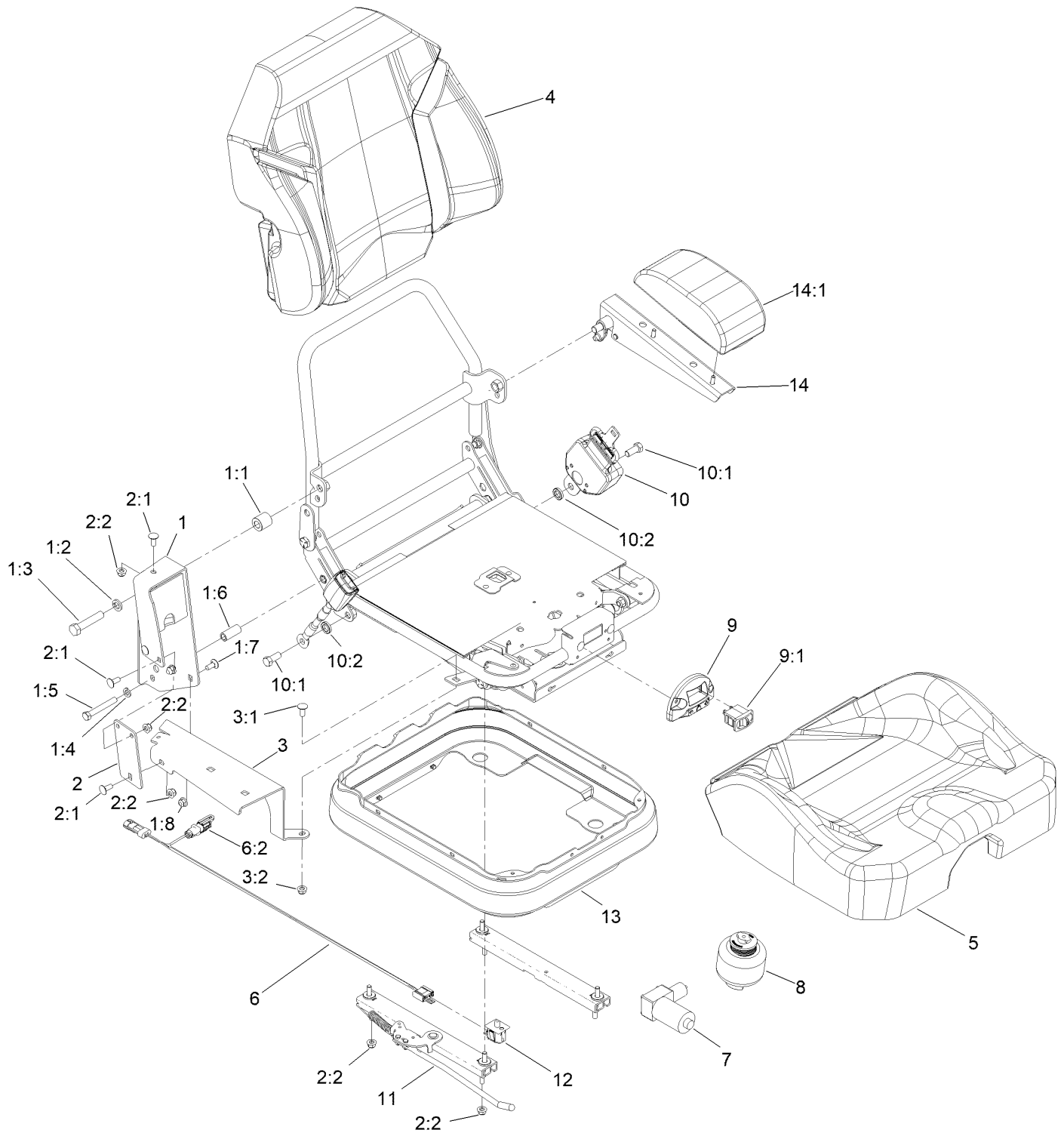
Miscellaneous Parts Assembly



Miscellaneous Parts 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	144-3952	1	Decal-Slope	7	161-7660	1	Decal-Sound, 97 Db
6	161-0807	1	Seat ASM-Air Ride	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)

<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	140-7112	1	Upper Console Mount Kit	5	125-3111	1	Cover-Cushion
1:1	140-7113	1	Spacer	6	122-2735	1	Harness-Wire, Seat
1:2	3253-7	1	Washer-Lock	6:2	32180-091	1	Cap-Dust, 2 Way
1:3	325-10	1	Screw-HH	7	140-7120	1	Air Compressor Kit
1:4	3253-21	1	Washer-Lock	8	140-7121	1	Air Bag Kit
1:5	323-13	1	Screw-HH	9	140-7122	1	Air Valve Kit
1:6	140-7114	1	Spacer	9:1	126-2747	1	Valve-Air Adjust
1:7	3230-23	2	Bolt-CARR	10	140-7116	1	Seat Belt Kit
1:8	104-8300	2	Nut-HF, NI	10:1	3212-4	2	Screw-HH
2	140-7103	1	Bracket Kit	10:2	140-7108	2	Spacer
2:1	3230-23	4	Bolt-CARR	11	144-0458	1	Track Kit
2:2	104-8300	8	Nut-HF, NI	12	145-3520	1	Switch-Plunger, On-(On)
3	140-7115	1	Lower Console Mount Kit	13	126-8559	1	Bellows-Seat
3:1	3230-23	1	Bolt-CARR	14	140-7110	1	Armrest-Deluxe, With Pad
3:2	104-8300	1	Nut-HF, NI	14:1	140-7111	1	Pad-Armrest
4	125-3112	1	Cover-Back	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
Seat Assembly-Standard	32301
Seat Assembly-Mechanical Suspension	32302
Air Ride Seat Kit	32303
60in SD Deck	31890
60in RD Deck	31891
72in Side discharge deck	31892
72in Rear discharge deck	31893
Recycler Kit (60in/152cm RD)	32306
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
Blade-20.50 Low Flow	145-1114
Blade-20.50 Med Flow	145-1115
Blade-20.50 Recycler	145-1116
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
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
Battery Assembly	145-5320
Energy Expansion Kit	161-0859
Energy Expansion Mounting Kit	32317
Charger Cable Assembly	122-3489
Charger Cable Assembly	122-3490
Charger Cable Assembly	122-3491
Road Light Kit (EU)	32308
North American Road Light Kit	32309
Work Lights Kit, Groundsmaster and Reelmaster Traction Units with Universal Sunshade	140-1554
Led Work-Light Kit (ROPS)	32307
Beacon Kit	32313
Operator Cooling Fan	03247
Seat Cover (with Arm Rest)	117-0095
Wrench-Caster Cap/Latch	138-6367
SMV Kit	139-2339
Universal Wireless Hourmeter Kit	144-2436
White Universal Sunshade	30669
Red Universal Sunshade	30671
Back-up Alarm	32310
Switch Panel, Groundsmaster e3200 2-Wheel Drive Traction Unit with Universal Sunshade	32314
Premium Transmission/Hydraulic Tractor Fluid (5 Gallon Pail)	108-1184

Attachments and Accessories (continued)

PX Hydraulic Fluid (5 Gal) 133-8086

PX Hydraulic Fluid (55 Gal)..... 133-8087

Toro Premium Synthetic, Biodegradable Transmission/Hydraulic Fluid (5 Gallon Pail)..... 138-9482

Transmission Oil Filter 86-3010

Paint-Black Bottle112-0176

Paint-Red Pen112-0177

Paint-Red Bottle112-0178

Toro Red 12oz Aerosol Can 361-10

Semi-Gloss Black Spray Paint..... 361-9

42 Pound Weight114-4096

Notes:

Notes:



Count on it.