



Count on it.

Form No. 3468-700 Rev C

Parts Catalog

e2500 Ultra Buggy®

Model No. 68142—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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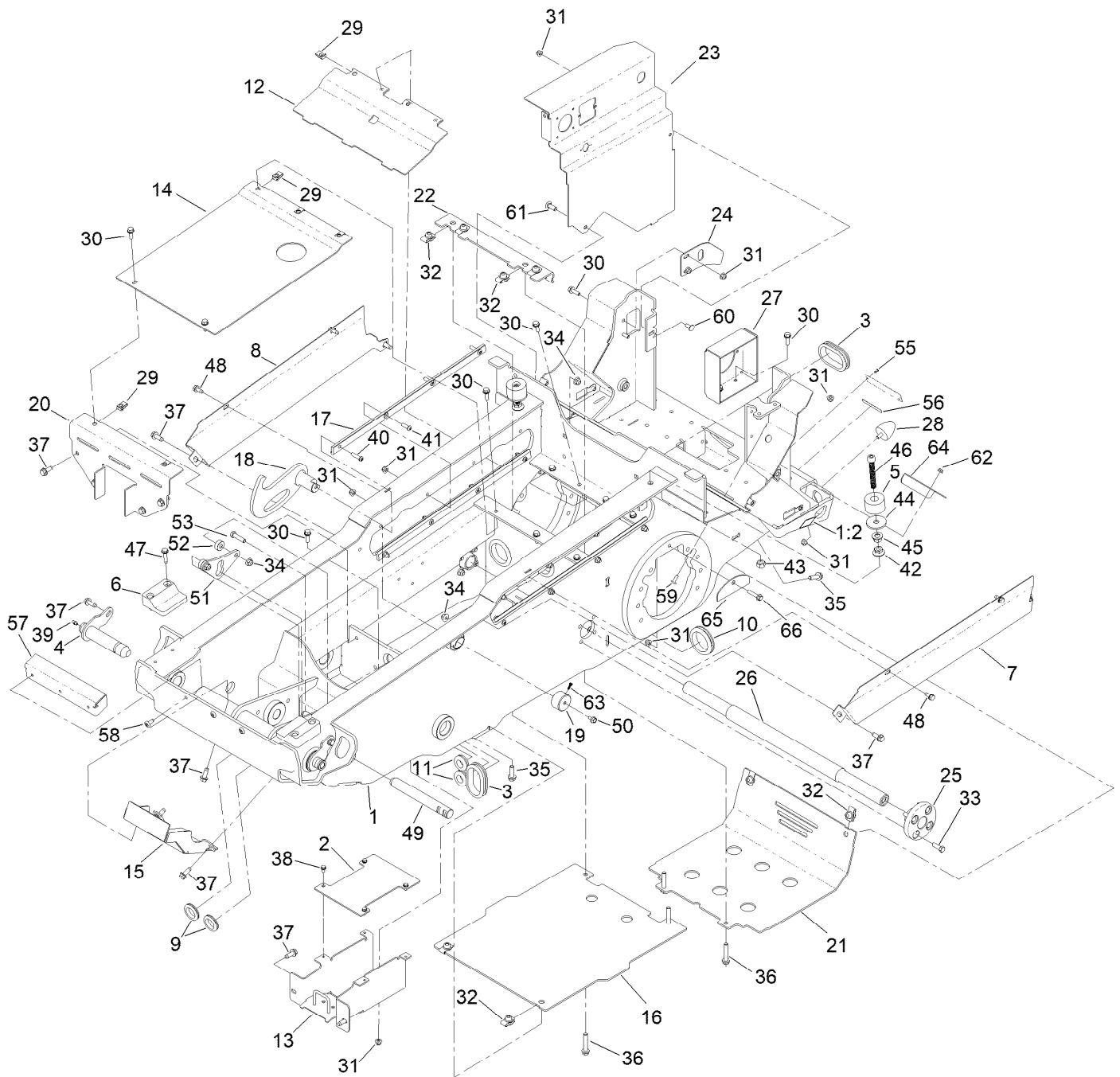
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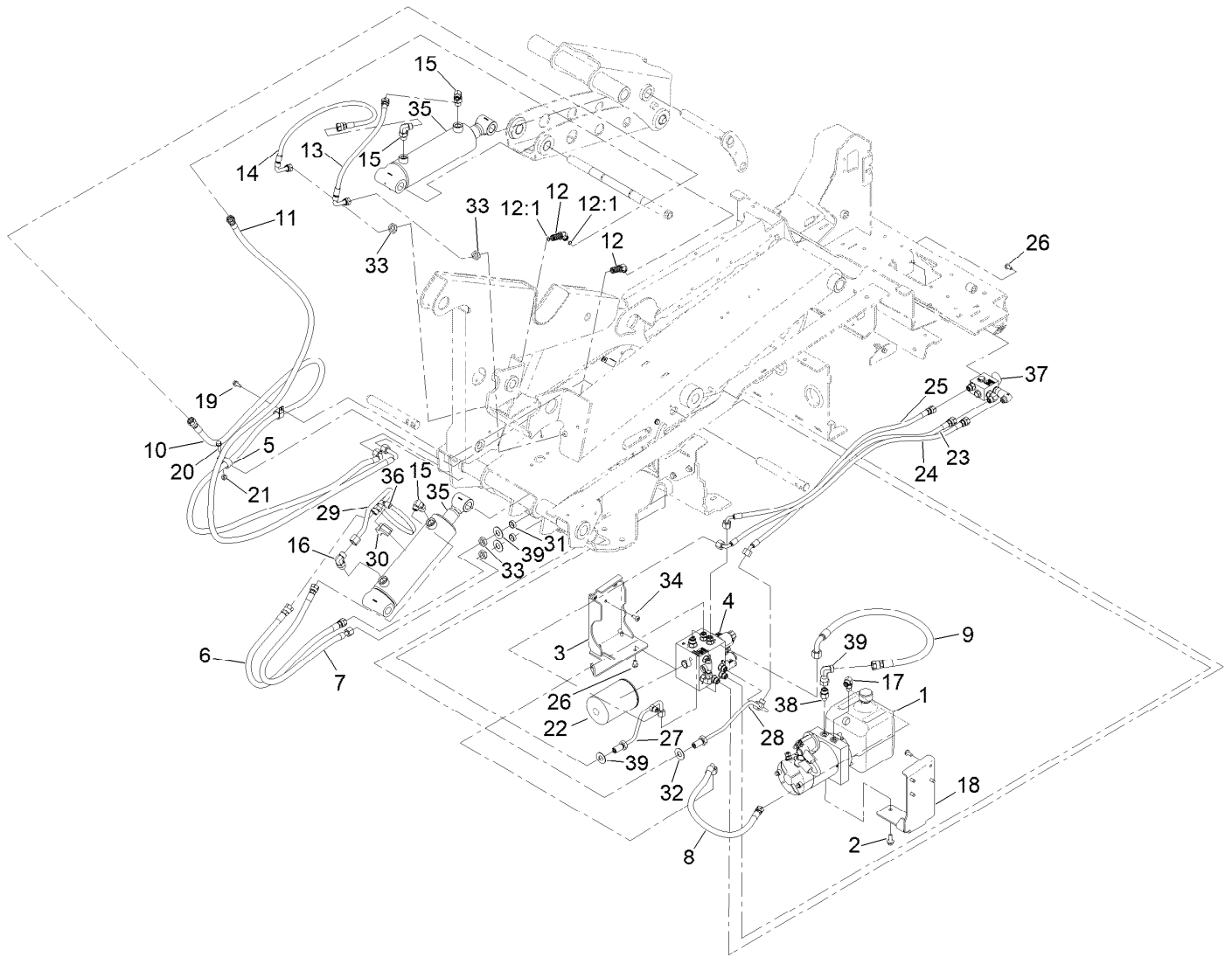
Frame Assembly



Frame 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	163-4465	1	Frame-High Lift	33	323-18	8	Screw-HH
1:2	147-6707	4	Decal-Lift, Tie Down	34	104-8301	11	Nut-HF, NI
2	163-2673-05	1	Cover-Hose Tray	35	119-4061	4	Screw-HHF
3	145-4923	2	Grommet	36	108-3742	4	Screw-HHF
4	161-9595	2	Pin-Link	37	139-2428	16	Screw-HWH
5	163-2697	2	Stop-Pu	38	9266714	4	Screw-HWH
6	163-2658	2	Stop-Lift	39	302-5	2	Fitting-Grease
7	163-2698-05	1	Cover-Roller, LH	40	3290-511	8	Screw-HSBH
8	163-2699-05	1	Cover-Roller, RH	41	109-4872	8	Screw-HSH
9	240-3	2	Grommet-Rubber	42	32128-56	2	Nut-HF
10	126-0015	3	Grommet	43	3217-9	2	Nut-HH
11	240-4	2	Grommet-Rubber	44	75-7730	2	Washer-Thrust
12	161-5575-05	1	Shield-Motor, Front	45	99-5107	2	Nut-HF Nylock
13	161-9568-05	1	Bracket-Skid, Center [blk-Txt]	46	163-2696	2	Screw-HSH,Spl
14	161-5521-05	1	Cover-High Lift, HYD	47	32144-57	4	Screw-Thd Roll
15	161-5511-05	1	Channel-High Lift, Skid Plate	48	32144-11	4	Screw-HWH
16	161-7598-05	1	Panel-Skid Plate, High Lift	49	161-5500	1	Shaft-1.0 DIA X 8.18 Long,Zn
17	163-4420	4	Guide-Track, Roller	50	3234-28	1	Screw-HHF
18	163-4445-01	1	Scissor Lock, LH [red]	51	161-8054-05	1	Retainer-Pin
19	163-4432-01	1	Retainer-Lift Lockout	52	135-0456	2	Spacer
20	161-7592-05	1	Cover-High Lift, HYD	53	323-8	2	Screw-HH
21	163-4476-05	1	Panel-Rear Skid, High Lift	55	3269-29	2	Rivet-Pop
22	163-2669-05	1	Mount-Skid Plate	56	133-8061	1	Decal-Warning
23	163-7931-05	1	Bracket-Cord Storage	57	163-4405-05	1	Bracket-Cover, Pivot Link
24	161-7587	1	Bracket-Platform Latch	58	138-9753	3	Screw
25	132-9075	2	Hub-Mount, Track	59	1-807512	1	Bolt-CARR
26	161-3385	1	Shaft-Track Mount	60	3230-23	1	Bolt-CARR
27	161-5580-05	1	Bracket-Mount, Disconnect	61	3231-22	1	Screw-CARR
28	114-1926	4	Bumper-Rubber	62	104-7201	1	Nut-HF, NI
29	112-3306	13	Nut	63	163-4447	1	Screw-Hs
30	3234-29	15	Screw-HHF	64	163-4490-05	1	Bracket-Wire Guard
31	104-8300	29	Nut-HF, NI	65	163-4495-05	2	Cover-Motor
32	105-4886	8	Nut-Tinnerman	66	115-1794	2	Screw-HHF

Hydraulic Assembly

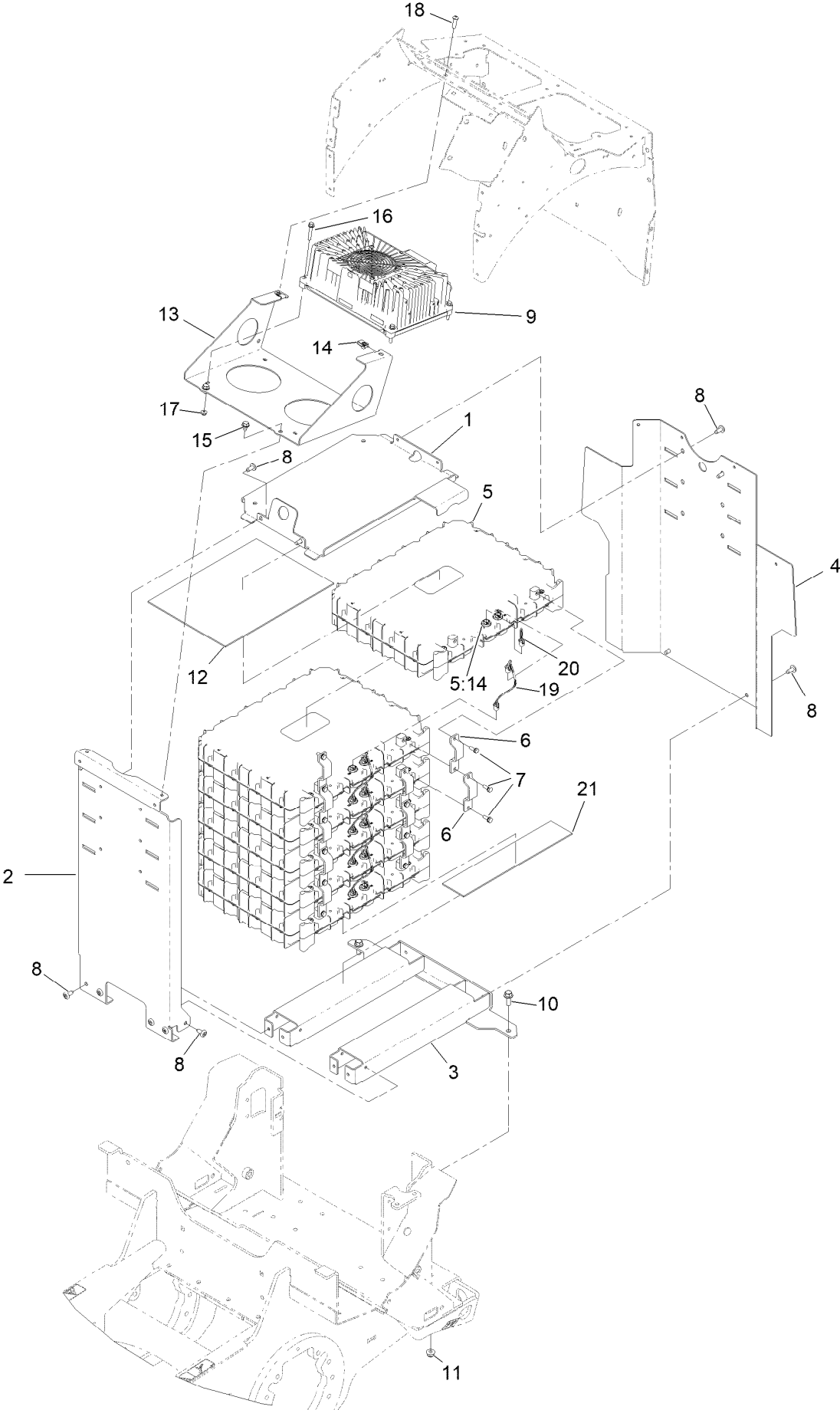


Hydraulic Assembly (continued)

<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	147-3542	1	Pump Unit-48Vdc	19	32144-11	2	Screw-HWH
2	3234-42	2	Screw-HHF	20	3234-29	2	Screw-HHF
3	161-7582-05	1	Bracket-Mount, Manifold	21	104-8300	2	Nut-HF, NI
4	161-9506	1	Manifold-Hydraulic ASM, Lift	22	86-3010	1	Filter-Oil
5	110-0824	6	R-Clamp	23	161-8078	1	Hose-HYD
6	161-5508	1	Hose-HYD	24	161-8072	1	Hose-HYD
7	161-5510	1	Hose-HYD	25	161-8073	1	Hose-HYD
8	161-8070	1	Hose-HYD	26	3234-7	5	Screw-HHF
9	161-8071	1	Hose-HYD	27	161-9540	1	Hydraulic Tube ASM
10	161-9565	1	Hose-HYD	28	161-9541	1	Hydraulic Tube ASM
11	161-8075	1	Hose-HYD	29	161-9551	1	Hydraulic Tube ASM
12	340-69	2	Elbow-Bulkhead, 45 DEG	30	161-9570	1	Clamp-Saddle, CYL
12:1	237-22	2	O-Ring	31	69-8970	2	Spacer
13	161-8076	1	Hose-HYD	32	69-8940	4	Washer
14	161-8077	1	Hose-HYD	33	340-70	4	Nut-Lock
15	340-18	3	Fitting-HYD, 90 DEG	34	138-9753	7	Screw
15:1	237-79	1	O-Ring ●	35	161-3381	2	Cylinder-Hydraulic
15:2	237-22	1	O-Ring ●	36	138-9005	1	Clamp-Hose
16	340-98	1	Fitting-Elbow, 90 DEG	37	163-4411	1	Manifold ASM, Manual Override
16:1	237-79	1	O-Ring ●	38	340-5	1	Fitting-Straight
16:2	237-30	1	O-Ring ●	38:1	237-42	1	O-Ring ●
17	340-77	1	Fitting-Elbow, 90 DEG	38:2	237-30	1	O-Ring ●
17:1	237-22	1	O-Ring ●	39	94-6031	1	Elbow-90
17:2	237-42	1	O-Ring ●	39:1	237-30	1	O-Ring ●
18	161-7581-05	1	Bracket-Mount, Power Unit				

● Not illustrated

Battery Assembly

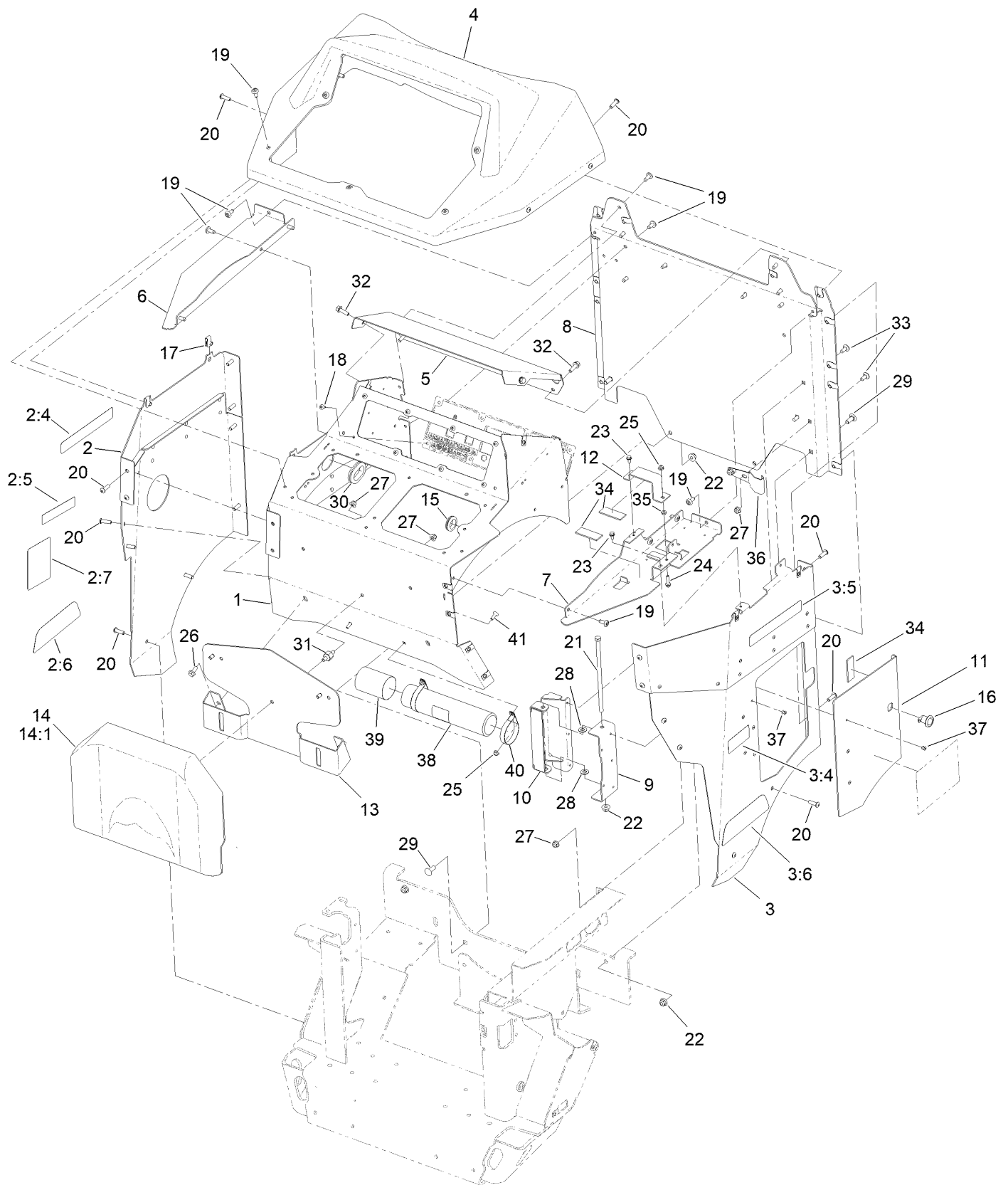


Battery Assembly (continued)

<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	161-5565-05	1	Bracket-Clamp, Battery	10	3234-42	2	Screw-HHF
2	161-5563-05	1	Bracket-Battery Front	11	104-8301	2	Nut-HF, NI
3	161-5568-05	1	Frame-Battery Base [blk-Txt]	12	145-2366	1	Foam-Battery Box
4	161-5564-05	1	Bracket-Battery,Rear	13	161-9549-05	1	Bracket-Mount, Charger
5	145-5320	6	Battery ASM	14	112-3306	2	Nut
5:2	145-5338	1	Decal-Warning, Battery ●	15	9266934	2	Screw
5:14	32180-466	2	Nut-Mounting, Jwpf Panel Lock	16	94-5781	4	Screw-HHF
6	147-3877	10	Bar-Bus, 400A	17	104-7201	4	Nut-HF, NI
7	145-5783	12	Screw-Sems	18	109-4872	2	Screw-HSH
8	138-9753	11	Screw	19	140-9565	5	Harness-Wire, Data Interface
9	145-5070	1	Charger-Onboard,3.3Kw,Evse Capable	20	122-2323	1	Harness-Wire, Can Terminator
				21	163-4489	2	Foam-Battery Box

● Not illustrated

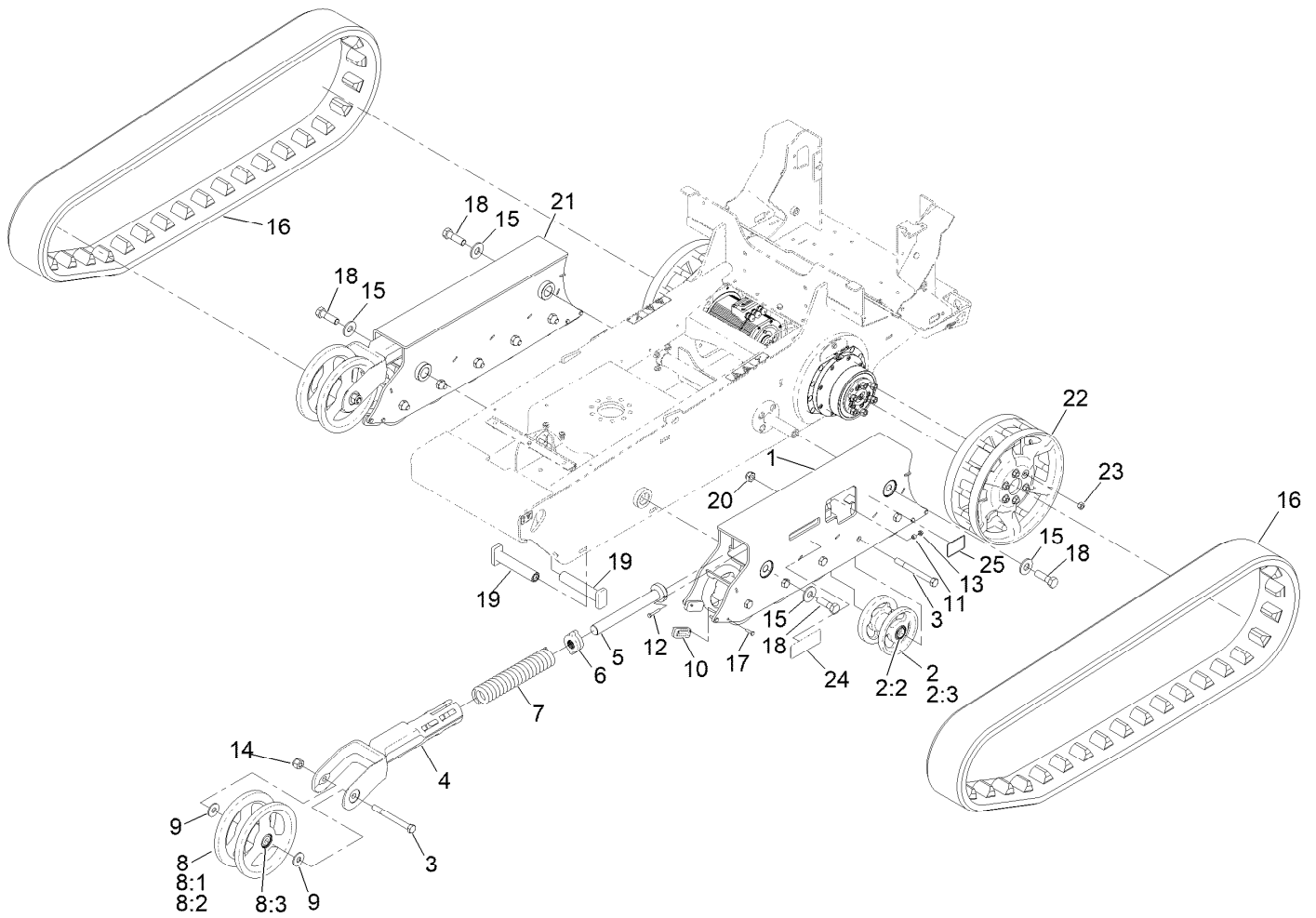
Tower and Hood Assembly



Tower and 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	161-5537-05	1	Tower, ASM [blk-Txt]	18	142-7097	8	Screw
2	163-2670	1	Panel-LH ASM, High Lift	19	138-9753	23	Screw
2:4	161-5515	1	Decal-E2500Thl	20	109-4872	26	Screw-HSH
2:5	145-1175	1	Decal-Service, Shut-Off	21	99-7203	1	Screw-HH
2:6	145-1172	1	Decal-Hypercell	22	104-8301	5	Nut-HF, NI
2:7	163-4474	1	Decal-Service	23	93-6083	2	Screw-HWH
3	163-2671	1	Panel-RH ASM, High Lift	24	120-4654	1	Screw-HHF
3:4	161-2443	1	Decal-Charging	25	104-7201	3	Nut-HF, NI
3:5	161-5515	1	Decal-E2500Thl	26	3234-47	2	Screw-HHF
3:6	145-1172	1	Decal-Hypercell	27	104-8300	8	Nut-HF, NI
4	161-9520	1	Panel-Dash	28	48-9220	2	Washer-Flat
5	161-5547-05	1	Cover-Tower, Charger	29	3231-22	4	Screw-CARR
6	161-5566-05	1	Panel-Tower, LH Closeoff	30	110-5090	1	Grommet
7	161-5567-05	1	Panel-Tower, RH Closeoff	31	137-9294	3	Stud-Special
8	161-9522-05	1	Panel-Tower, Front	32	3234-29	4	Screw-HHF
9	161-7573-05	1	Bracket-Mount, Door	33	3230-23	3	Bolt-CARR
10	161-9546	1	Hinge ASM, Charge Door	34	133-0081	5	Strip-Foam
11	161-7571-01	1	Door-Cord Storage	35	3218-1	1	Nut-Jam
12	161-9556-05	1	Bracket-Battery Strap	36	163-4430	1	Bracket-Latch Catch
13	161-9542-05	1	Bracket-Pad	37	130-8451	8	Rivet-Trifold
14	161-3555	1	Pad-Thigh	38	104-7050	1	Tube-Manual
14:1	161-3554	1	Cover Pad	39	104-7048	1	Cap-Housing
15	240-5	1	Grommet	40	107-1865	2	R-Clamp
16	163-4429	1	Latch-Push Button	41	1-807512	2	Bolt-CARR
17	112-3306	26	Nut				

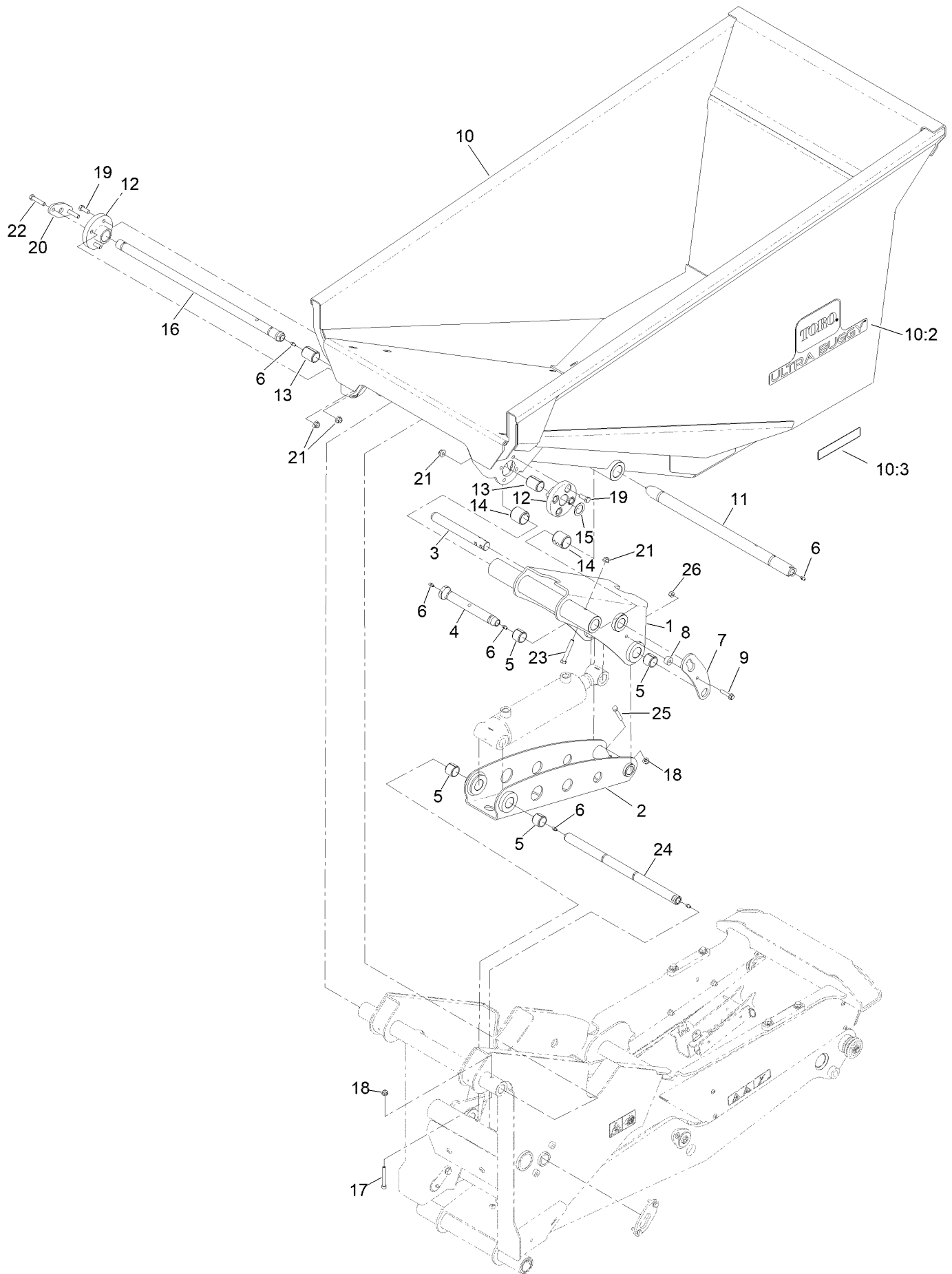
Track Assembly



Track 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	163-7941	1	Frame-Track, LH	11	98-4799	2	Spacer
2	138-5231	10	Wheel ASM	12	321-37	2	Screw-HH
2:2	138-0547	2	Bearing-Ball	13	32128-32	2	Nut-HHF
2:3	130-7564	1	Spacer-Wheel	14	3296-24	2	Nut-Hex
3	327-17	12	Screw-HH	15	99-2659	4	Washer
4	108-4691-05	2	Arm-Tensioner, [blk-Txt]	16	136-5846	2	Track
5	127-9563	2	Bolt-Tensioner	17	321-6	16	Screw-HH
6	108-4664	2	Block-Tensioner	18	328-2	4	Screw-HH
7	95-3624	2	Spring-Compression	19	163-7909	2	Pin-Track
8	104-5745	2	Tensioner Wheel ASM	20	3296-24	10	Nut-Hex
8:1	104-5747-03	1	Wheel-Tensioner	21	163-7942	1	Frame-Track, RH
8:2	98-9835	1	Spacer-Wheel, Tensioner	22	163-4453-05	2	Wheel-Drive, Buggy
8:3	120-5378	2	Bearing-Ball	23	104-9914	12	Nut-Hex
9	3256-7	4	Washer-Flat	24	139-7201	2	Decal-Warning, Bystanders
10	132-6053	8	Block-Track	25	139-7709	2	Decal-Water Level

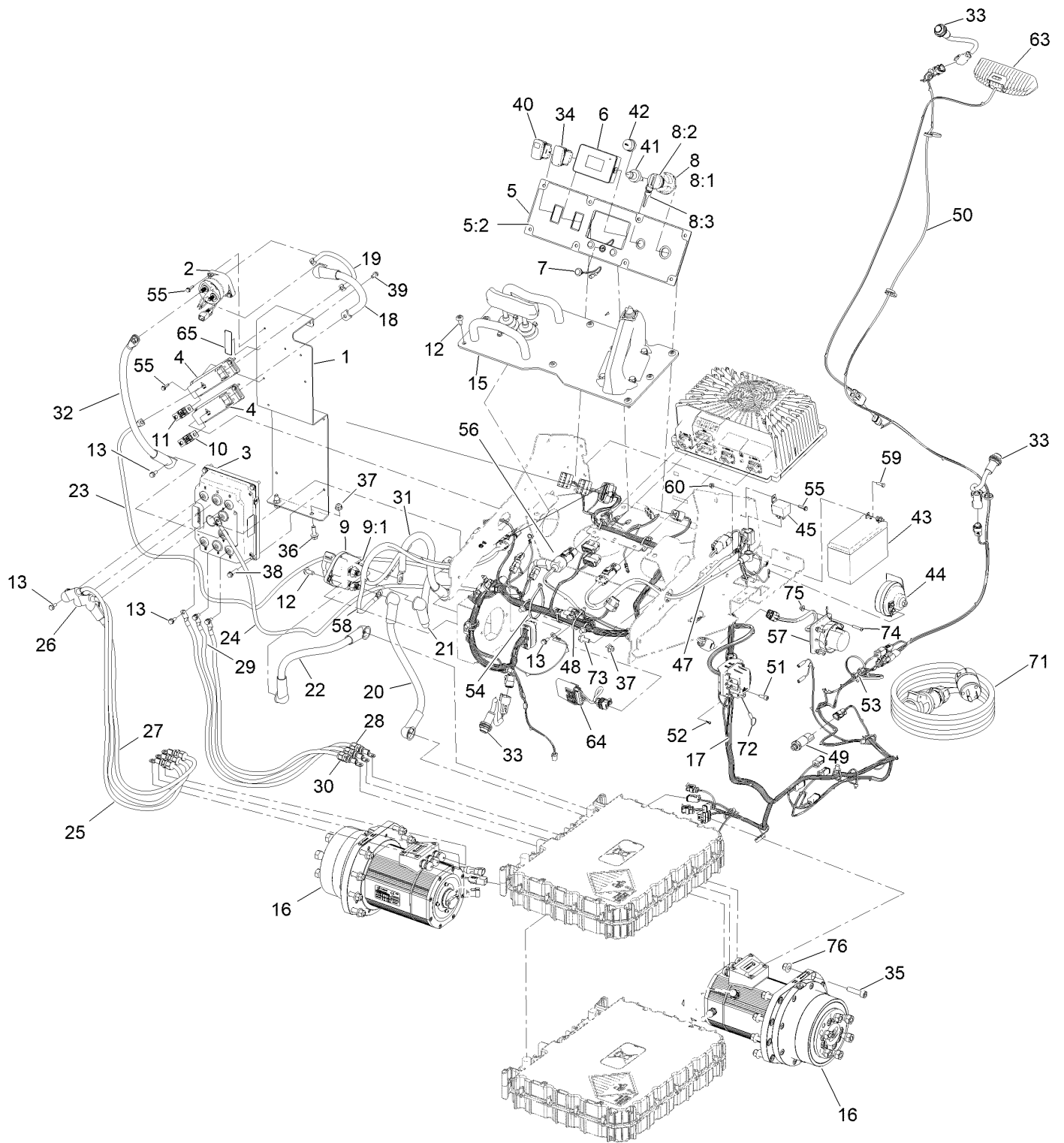
Tub Assembly



Tub 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	161-9511-05	1	Link-Dump, Hopper [blk-Txt]	13	130-5200	2	Bushing-Spring
2	161-3343-05	1	Link-Dump, Frame [blk-Txt]	14	139-5737	2	Bushing-Spring
3	161-5500	1	Shaft-1.0 DIA X 8.18 Long,Zn	15	10-8110	1	Washer-Thrust
4	161-3391	1	Shaft-1.0 DIA X 7.34 Long	16	161-3389	1	Shaft-1.25 DIA X 25.14 Long, Zn
5	98-4871	4	Bushing-Tension	17	3274-40	1	Screw-HSH
6	302-5	8	Fitting-Grease	18	104-8300	2	Nut-HF, NI
7	163-4498-05	1	Retainer-Pin	19	135-7915	6	Screw-HH,
8	132-9064	1	Bushing-Brake	20	161-9598-05	1	Plate-Bushing Retainer
9	115-1794	1	Screw-HHF	21	104-8301	9	Nut-HF, NI
10	137-9290	1	Hopper ASM	22	323-52	2	Screw-HH
10:2	161-2909	2	Decal-Tub, Ultra Buggy	23	323-47	1	Screw-HH
10:3	115-4858	2	Decal-Danger	24	163-2660	1	Shaft-ASM, Dump
11	161-9586	1	Pin-	25	322-10	1	Screw-HH
12	132-9075	2	Hub-Mount, Track	26	3296-29	1	Nut-Lock, NI

Electrical Assembly

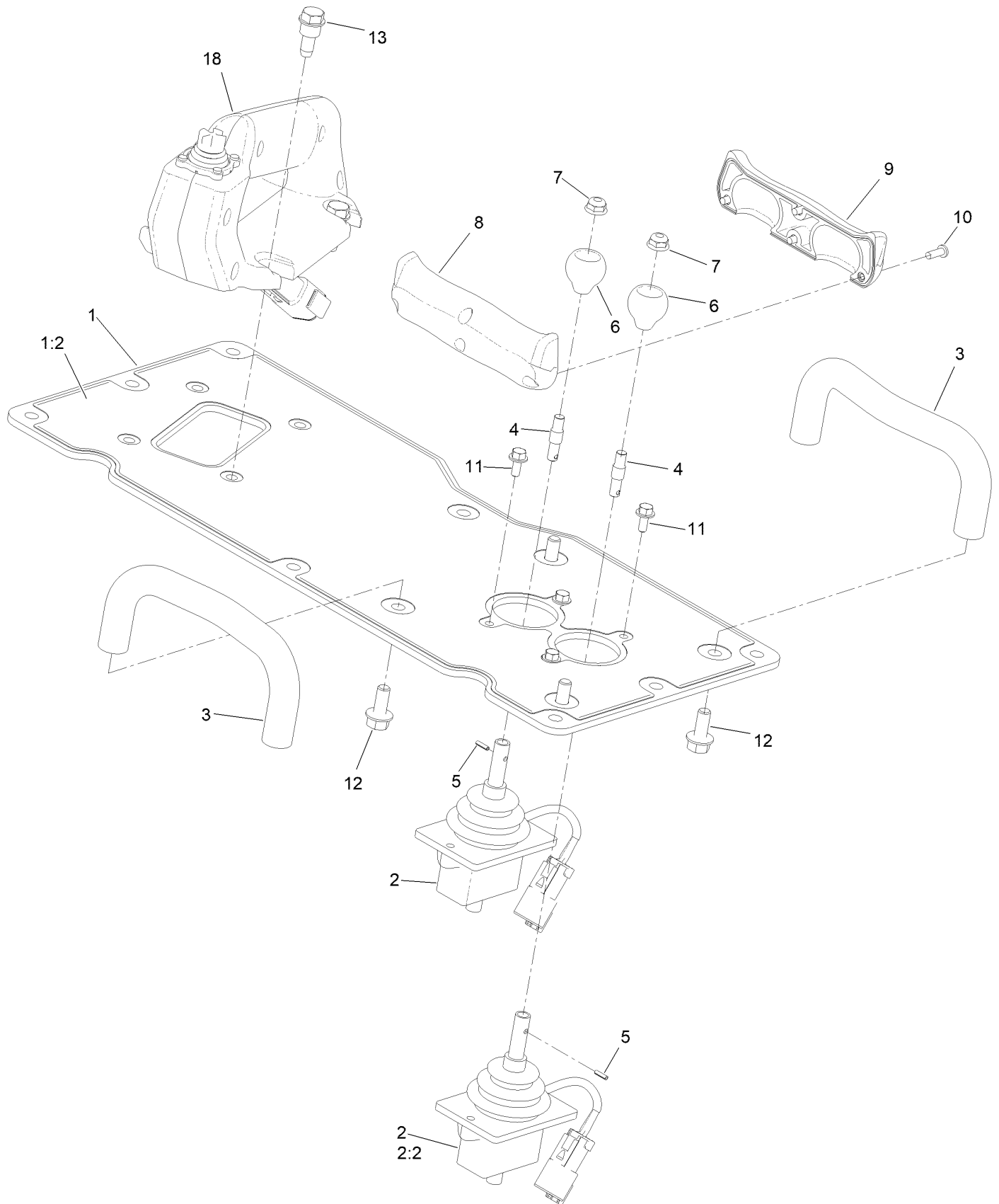


Electrical Assembly (continued)

<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	161-5579-05	1	Bracket-Mount, Electrical	34	112-9421	1	Switch
2	122-2594	1	Contactora-48V	35	09718	16	Screw-Sh
3	138-8984	1	Inv/Ctrlr-48V,Dual 94Arms	36	3234-29	2	Screw-HHF
4	145-4958	2	Holder-Fuse	37	104-8300	3	Nut-HF, NI
5	137-9288	1	Panel-Instrument	38	32144-86	4	Screw-HWHTF
5:2	147-9721	1	Decal-Display Panel	39	93-6083	2	Screw-HWH
6	122-1201	1	Module-Display	40	122-2719	1	Switch-Rocker, On-None-(On)
7	136-9678	3	Switch-Pushbutton	41	112-3324	1	Switch-Horn
8	122-2513	1	Switch-Ignition, Suns	42	112-3313	1	Nut-Weatherproof
8:1	121-5160	1	Nut-Hex	43	112-9621	1	Battery-Wet, 12V 9Ah, Sealed W/Hrdwr
8:2	122-2704	1	Nut-Face, M22 (Plastic)	44	116749	1	Horn
8:3	121-5162	1	Set-Key, Ignition	45	122-3200	1	Relay
9	122-0603	1	Switch-Disconnect	47	122-3658	1	Harness-Wire,DC Aux
9:1	33006-00	1	Nut-HF	48	3290-378	3	Tie-Cable
10	122-2959	1	Fuse-350A	49	119-0011	1	Pressure Transducer ASM
11	122-2559	1	Fuse-100 Amp	49:1	237-78	1	O-Ring ●
12	138-9753	10	Screw	50	122-3691	1	Harness-Wire, Extension
13	145-5782	8	Screw-Sems	51	105-2409	2	Screw-HSH
15	163-2672	1	Controls ASM, E2500Thl	52	363-8289	2	Scr,TAP,6-19X7/16,Phph,Stl,Rohs
16	163-4401	2	Motor/Gearbox ASM-48V 3Kw 41:1 Rdctn	53	3290-378	1	Tie-Cable
16:1	147-9107	1	Cassette Seal Ring ●	54	3290-379	1	Tie-Cable
17	122-3106	1	Harness-Wire, Main	55	100-4351	7	Screw-HWH
18	122-3109	1	Cable-Battery, Rd ASM	56	122-3656	1	Harness-Wire, AC In
19	122-3111	1	Cable-Battery, Rd ASM	57	122-4099	1	Harness-Wire, Inlet, 60309
20	122-3107	1	Cable-Battery, Rd ASM	58	122-3659	1	Harness-Wire,DC Out
21	122-3108	1	Cable-Battery, Rd ASM	59	60-6910	2	Screw-HH
22	122-3120	1	Cable-Battery, Bk ASM	60	120-4580	2	Nut-HF
23	122-3121	1	Cable-Battery, Rd ASM	63	126-7839	1	Light-LED
24	122-3118	1	Cable-Battery, Bk ASM	64	119-4330	1	Isolated Can Module ASM
25	122-4194	1	Cable-Battery, Rd ASM	65	161-5516	1	Decal-Electrical
26	122-4195	1	Cable-Battery, Rd ASM	71	122-3491	1	Cable-Assembly, Charger
27	122-4196	1	Cable-Battery, Rd ASM	72	163-4491	1	Strap-Cable, Cap
28	122-4197	1	Cable-Battery, Rd ASM	73	3234-47	1	Screw-HHF
29	122-4198	1	Cable-Battery, Rd ASM	74	108-3153	4	Screw-HSBH
30	122-4199	1	Cable-Battery, Rd ASM	75	120-4578	4	Nut-HF
31	122-3119	1	Cable-Battery, Bk ASM	76	103-9511	16	Nut-Flg
32	122-3110	1	Cable-Battery, Rd ASM				
33	139-7238	3	Sensor-Proximity, N.O.				

● Not illustrated

Control Assembly No. 163-2672

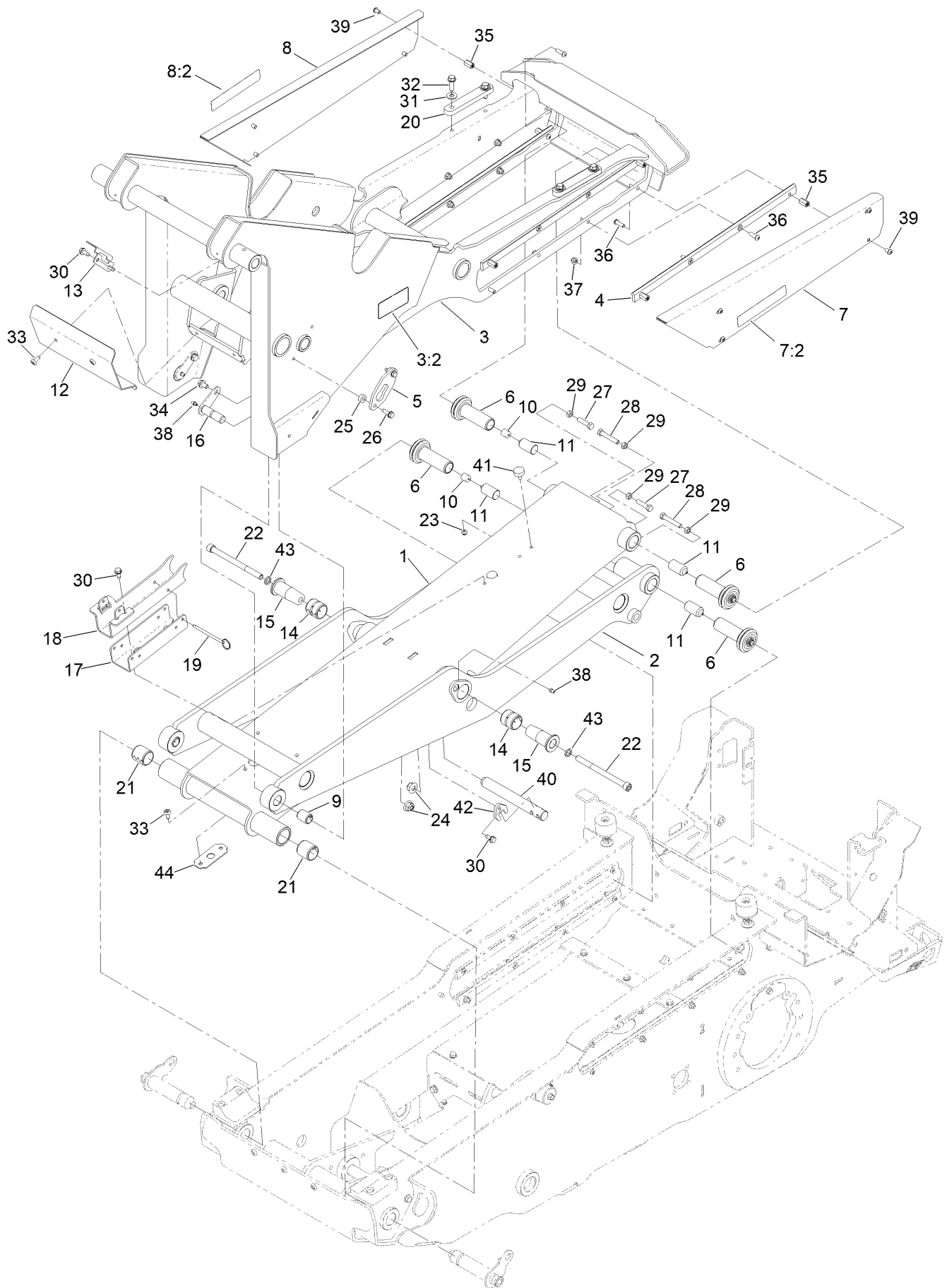


Control Assembly No. 163-2672 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	163-2653	1	Plate-Controls, E2500Thl
1:2	147-9720	1	Decal-Controls, E2500Thl
2	136-4784	2	Lever-Control
2:2	136-4894	1	Kit-Rtn,
3	138-4693	2	Bar-Reference
4	137-0431	2	Shaft-Handle
5	137-0432	2	Pin-Roll
6	130-7723	2	Ball-Traction

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7	104-7201	2	Nut-HF, NI
8	139-1167	1	Handle-Rear
9	139-1166	1	Handle-Front
10	94-6961	4	Screw
11	120-4579	4	Screw-HHF
12	3234-5	4	Screw-HHF
13	115-1958	4	Bolt-Shoulder
18	163-4409	1	Grip-Assembly

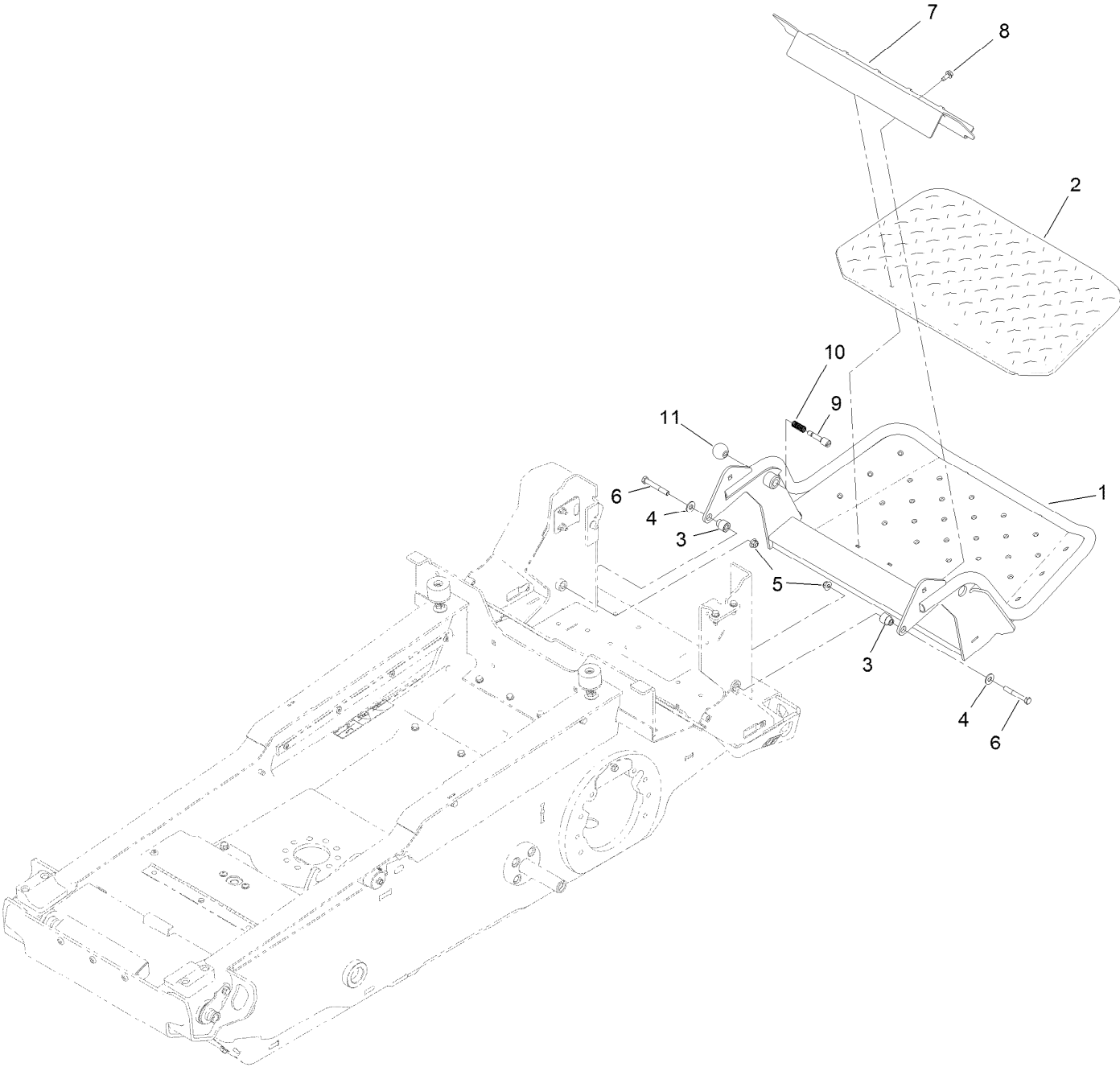
Lift Assembly



Lift 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	147-9741-05	1	Link-Pivot, Scissor [blk-Txt]	22	161-9597	2	Screw-HSH,Spl
2	161-3322-05	1	Frame-High Lift, Scissor [blk-T	23	104-7201	2	Nut-HF, NI
3	137-9291	1	Lift Frame ASM	24	142-7784	2	Nut-HF, NI
3:2	125-4959	2	Decal-Warning, Crushing	25	140-3461	2	Spacer
4	163-4420	4	Guide-Track, Roller	26	701243	2	Screw-Thd Roll, HWH
5	161-7594-05	1	Retainer-Pin	27	323-50	2	Bolt-HH
6	163-4404	4	Guide Wheel Assy	28	104-3396	2	Screw-HH
7	137-9292	1	Roller Cover ASM, LH	29	3217-7	4	Nut-Hex
7:2	115-4858	1	Decal-Danger	30	32144-11	5	Screw-HWH
8	137-9293	1	Roller Cover ASM, RH	31	3256-4	4	Washer-Flat
8:2	115-4858	1	Decal-Danger	32	32144-109	4	Screw-Thd
9	161-3312	2	Bushing-Spring	33	138-9753	4	Screw
10	161-3378	2	Bumper	34	32144-15	2	Screw-HHFTF
11	161-3379	4	Shaft-Guide Roller, Plunger	35	161-8080	8	Standoff-Hex
12	161-9510-05	1	Bracket-Light	36	109-4872	16	Screw-HSH
13	161-7572-05	1	Bracket-Sensor, Prox	37	104-8300	8	Nut-HF, NI
14	147-6875	2	Bushing-Spring	38	302-5	4	Fitting-Grease
15	161-9585	2	Pin-Taper	39	131-1884	8	Screw-HSBH,Patch
16	120-5575	2	Pin	40	161-5500	1	Shaft-1.0 DIA X 8.18 Long,Zn
17	161-7570-05	1	Bracket-Mount, Locking Arm	41	138-2662	2	Bumper-Rubber
18	163-7916	1	Arm-Locking	42	137-9285-05	1	Retainer-Pin
19	161-7595	1	Pin-Cotterless	43	62-7120	2	Washer
20	163-2685	2	Stop-Hopper	44	161-7588-05	1	Bracket-Prox Sensor
21	139-5737	2	Bushing-Spring				

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	161-6796-05	1	Platform ASM [blk-Txt]	7	136-5669-05	1	Clamp-Shield
2	126-7157	1	Mat-Platform	8	32144-70	2	Screw-HWHTF
3	132-7583	2	Bushing-Flanged	9	119-8650	1	Pin-Latch
4	3256-4	2	Washer-Flat	10	114-5348	1	Spring
5	104-8301	2	Nut-HF, NI	11	1-603175	1	Knob-Ball
6	323-13	2	Screw-HH				

Attachments and Accessories

For 68142 — e2500 Ultra Buggy

Product Name	Model/Part
Toro Red 12oz Aerosol Can	361-10
New Red Paint - Gallon	361-11
Semi-Gloss Black Spray Paint	361-9

Notes:

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Notes:



Count on it.