



Form No. 3465-568 Rev B

Count on it.

Parts Catalog

Ultra Buggy® e2500

Model No. 68037—Serial No. 414865903 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.

Contents

Frame Assembly..... 4

Drivetrain and Wheel Assembly..... 5

Platform Assembly..... 6

Handle Assembly..... 7

Steering Assembly..... 8

Tower and Hood Assembly..... 9

Tub Assembly..... 10

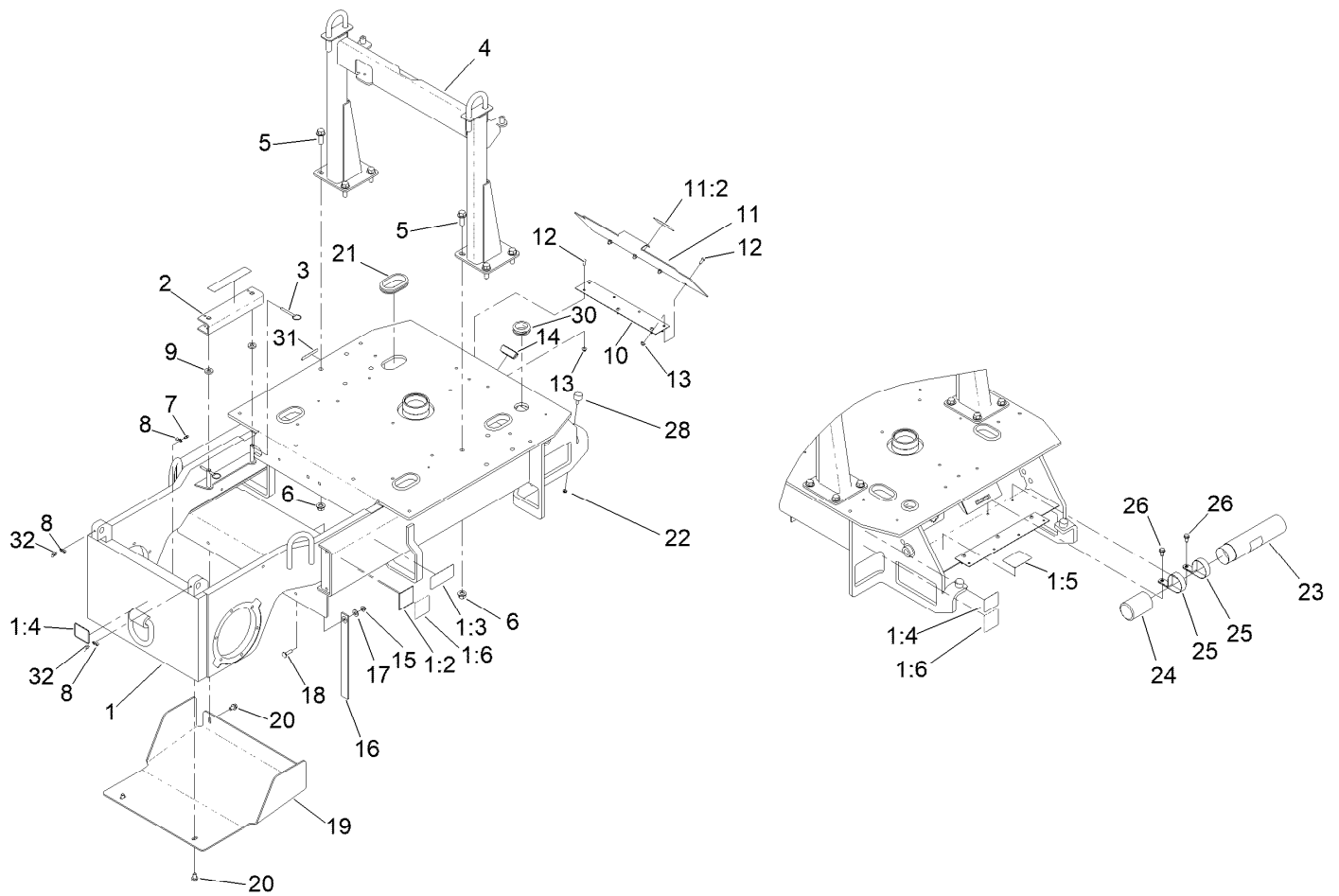
Pump Unit Assembly No. 144-1716..... 11

Battery Assembly..... 12

Harness Assembly..... 13

Battery Cable Assembly..... 14

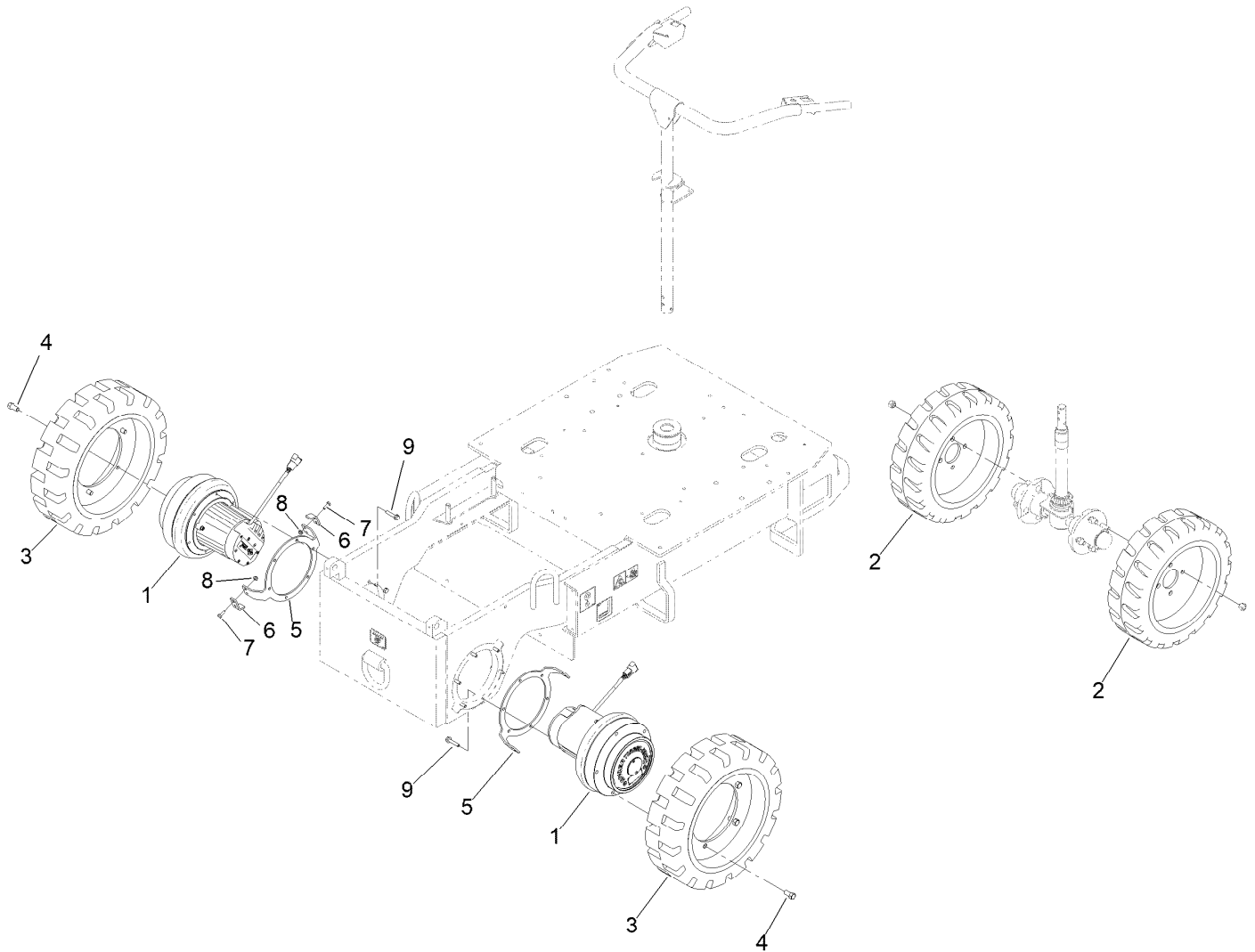
Attachments and Accessories..... 15



Frame Assembly

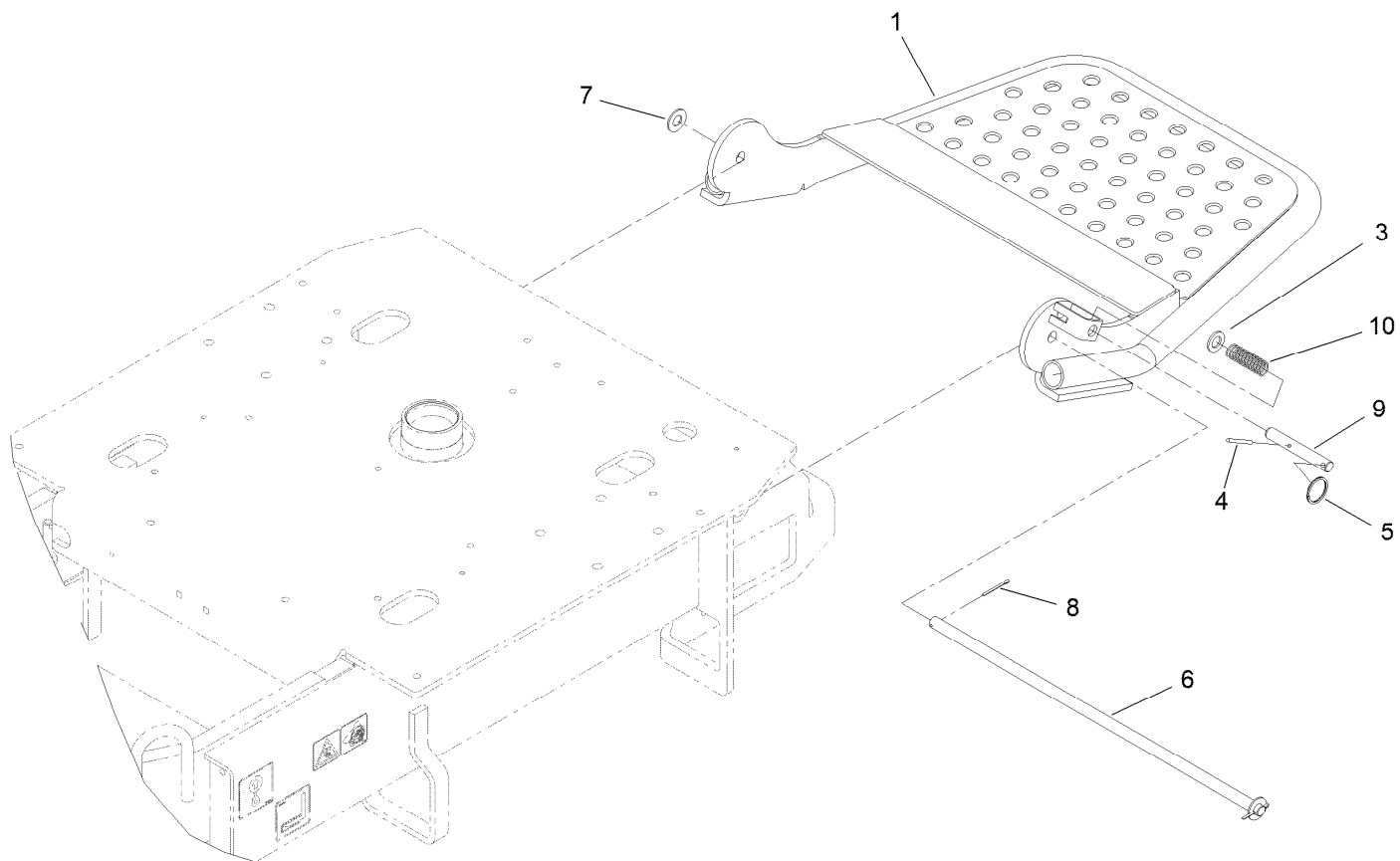
Ref.	Part Number	Qty.	Description
1	147-3218	1	Frame ASM
1:2	125-4967	2	Decal-Lift Here
1:3	125-4959	2	Decal-Warning, Crushing
1:4	125-6694	3	Decal-Tie Down
1:5	145-1170	1	Decal-Warning, Charger
1:6	145-1181	4	Decal-Forklift Pocket
2	144-1704	1	Cylinder Locking ASM
3	108-0094	2	Pin-Cotterless
4	144-1677-03	1	Frame Lift ASM-Welded
5	100-6116	8	Screw-HHF
6	99-5107	8	Nut-HF Nylock
7	302-5	2	Fitting-Grease
8	ST47001	4	Cap-Plug
9	83-1470	2	Washer-Neoprene
10	132-9021	1	Hinge-Hood
11	147-3224	1	Cover-Cable
11:2	145-1174	1	Decal-Battery Charger
12	3274-31	7	Screw-HSBH

Ref.	Part Number	Qty.	Description
13	104-7201	7	Nut-HF, NI
14	99-3497	1	Magnet
15	104-8300	1	Nut-HF, NI
16	139-7731	1	Strap, Static
17	3256-3	1	Washer-Flat
18	3230-3	1	Screw-CARR
19	144-1788-03	1	Plate-Skid
20	32144-69	4	Screw-HWHTF
21	145-4923	4	Grommet
22	3296-56	2	Nut-Lock, NI
23	104-7050	1	Tube-Manual
24	104-7048	1	Cap-Housing
25	2412-133	2	Clamp-R
26	32144-70	2	Screw-HWHTF
28	1-523420	2	Bumper
30	137-1812	1	Grommet
31	133-8061	1	Decal-Warning
32	302-11	2	Fitting-Lube, 45 DEG



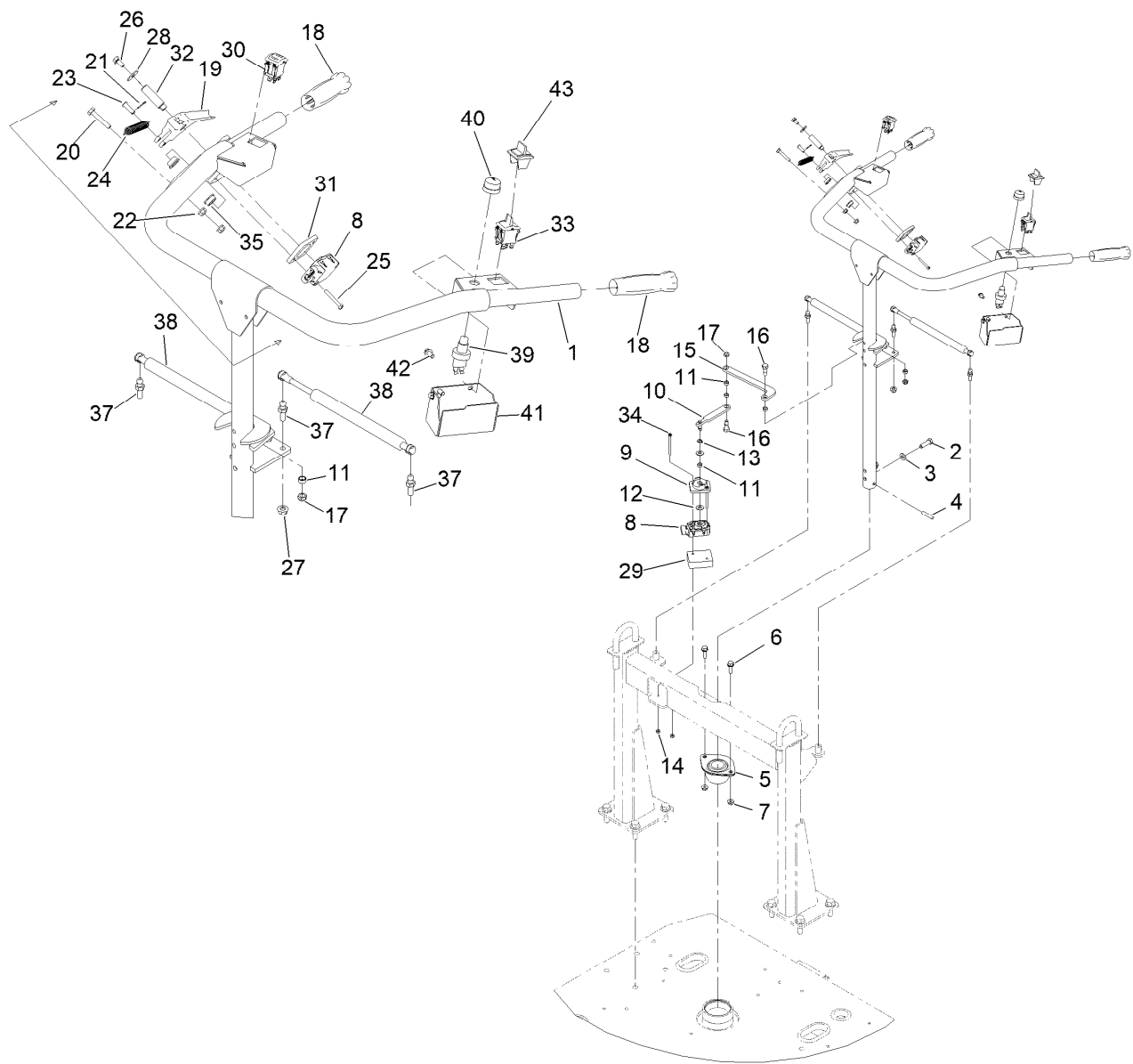
Drivetrain and Wheel Assembly

Ref.	Part Number	Qty.	Description
1	138-8975	2	Motor/Gen Torque-Hub ASM-3Kw 31:1 Rdctn
2	145-4938	2	Tire-Solid
3	145-2376	2	Tire-Solid
4	144-1739	10	Screw-HH, Lug M12 X 1.50
5	145-4984-03	2	Spacer-Wheel
6	145-4990	4	Plate-Wiper
7	321-4	8	Screw-HH
8	104-7201	8	Nut-HF, NI
9	33104-040	12	Screw-HHF



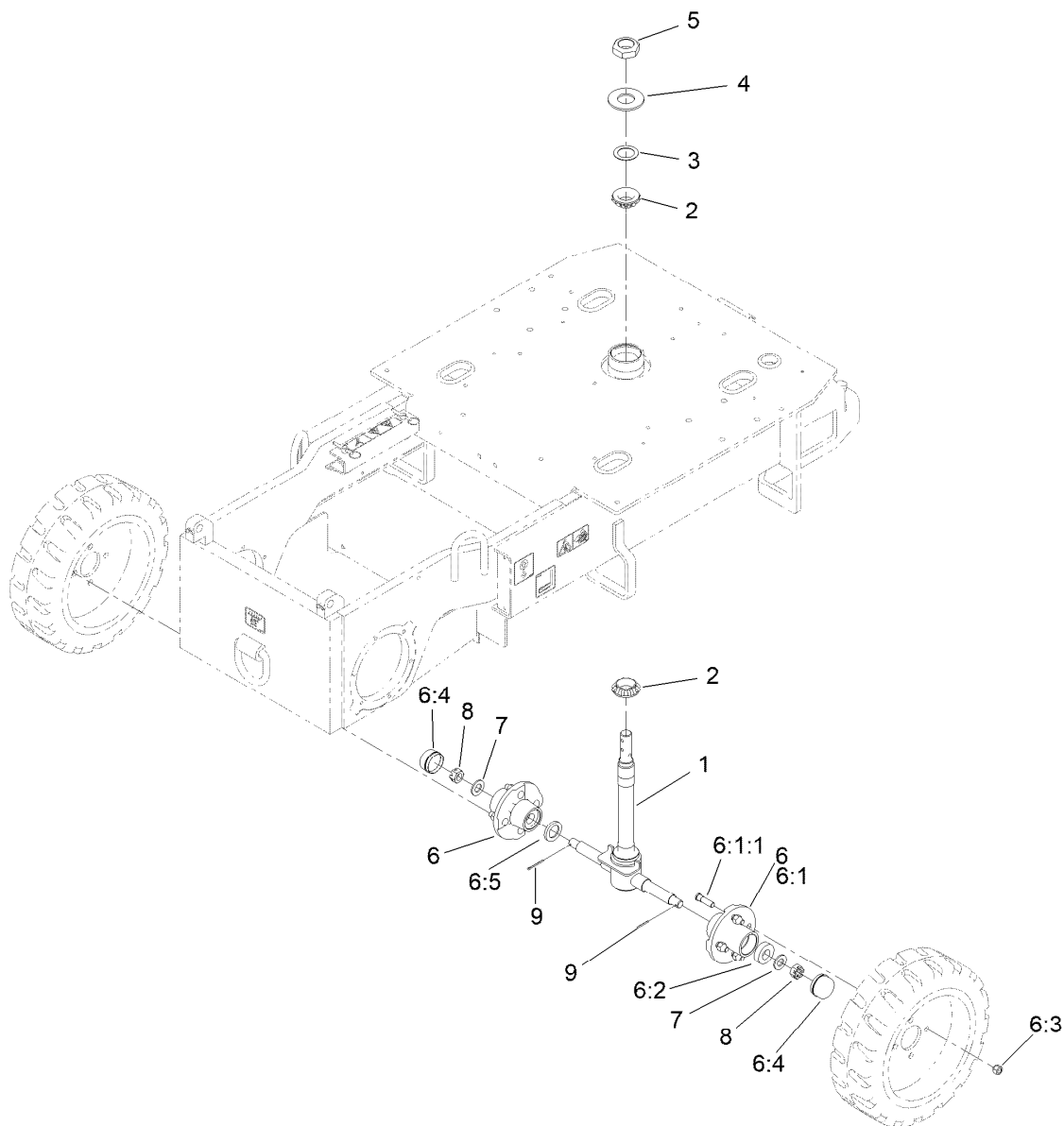
Platform Assembly

Ref.	Part Number	Qty.	Description
1	144-1722-03	1	Step-Platform-Welded
3	33098-00	1	Washer-Flat
4	ST81122	1	Pin
5	ST81124	1	Ring-Split
6	ST45113	1	Shaft-Pivot, Step
7	3256-27	2	Washer-Flat
8	3272-13	2	Pin-Cotter
9	144-1721	1	Pin-Lockout, Step
10	ST45055	1	Spring-Compression



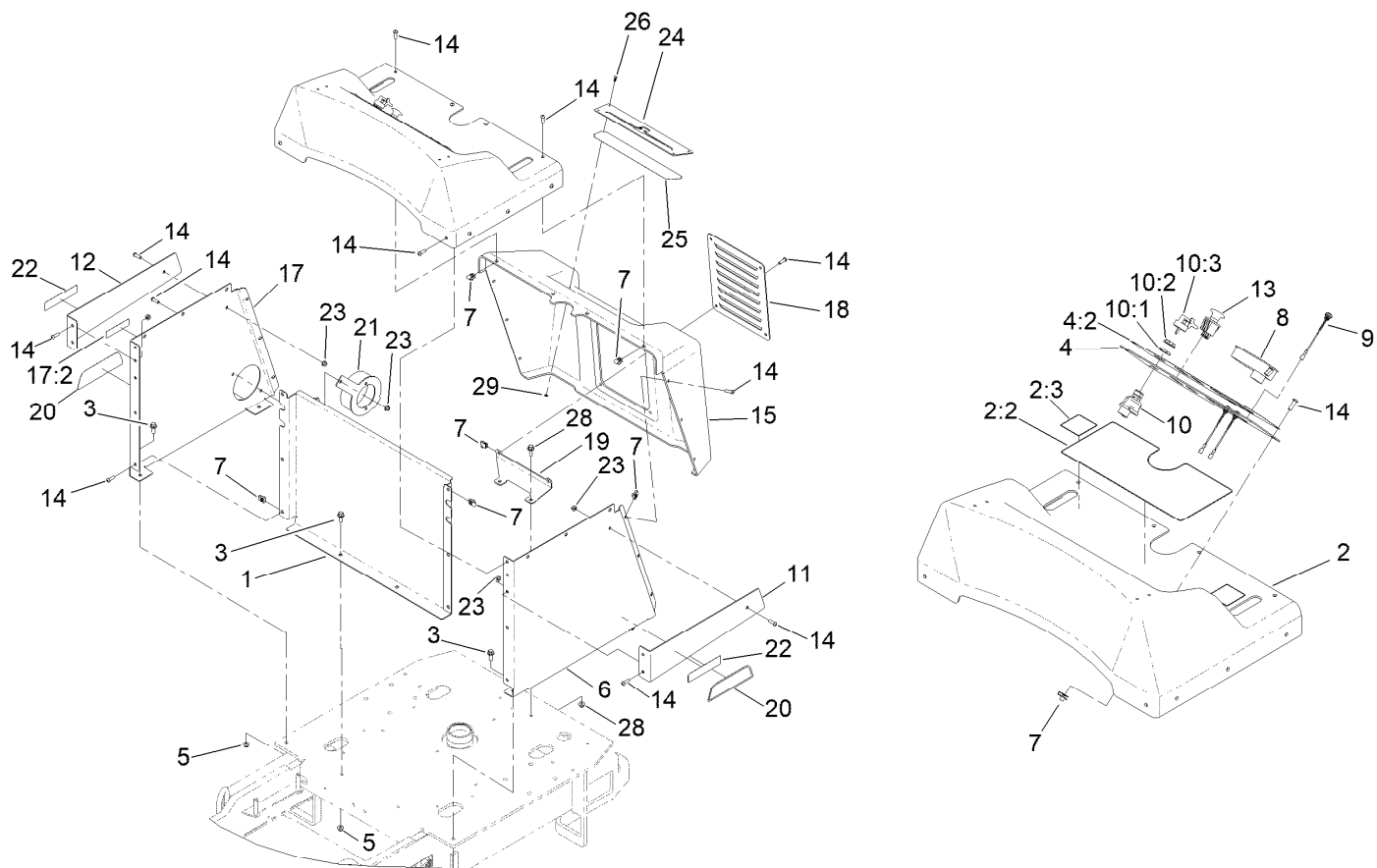
Handle Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	145-3199-03	1	Handle ASM [black]	22	119-4040	2	Nut-HF, NI
2	323-7	2	Screw-HH	23	1-808265	1	Pin-Clevis
3	100-4852	2	Washer-Hardened	24	137-2591	1	Spring-Extension
4	ST80309	1	Pin	25	32105-1	2	Screw-SHH
5	ST45930	1	Spherical Bearing ASM	26	119-1065	1	Screw-Lock, HF
6	3234-29	2	Screw-HHF	27	104-8300	2	Nut-HF, NI
7	32128-26	2	Nut-HF	28	137-3106	1	Washer-Plain
8	122-0917	2	Sensor-Position	29	144-7124-0P	1	Spacer, Steering-Sensor
9	144-1731	1	Mount-Linkage	30	145-1152	1	Switch-Directional
10	144-1728	1	Linkage ASM	31	144-1729-0P	1	Plate-Mount, Linkage
11	120-9708	5	Bushing	32	145-1153	1	Shaft-Sensor
12	132-4593	2	Washer	33	MSC13973	1	Switch,(On)Off(On),Pinned,CB
13	105-2410	1	Ring-Retaining	34	32105-30	2	Screw-SHH
14	120-9659	2	Nut-Lock, NI	35	145-1154	2	Bushing
15	144-1734	1	Linkage-Steering	37	145-4951	4	Stud-Ball
16	59-5400	2	Bolt-Shoulder	38	145-4921	2	Damper-Gas
17	3296-47	2	Nut-Lock, NI	39	112-3324	1	Switch-Horn
18	T62021010	2	Grip-Vinyl, Black	40	112-3313	1	Nut-Weatherproof
19	144-7153	1	Handle	41	147-3282-03	1	Cover-Switch
20	321-43	1	Capscrew	42	32144-4	3	Screw-HWH
21	3272-1	1	Pin-Cotter	43	MSC13972	1	Boot,K2 Paddle Switch



Steering Assembly

Ref.	Part Number	Qty.	Description
1	145-4992-0P	1	Axle-Steering [primed]
2	ST32161	2	Bearing-Roller
3	ST81109	1	Washer-Thrust
4	ST36934	1	Plate-Cover, Bearing
5	ST81108	1	Nut
6	139-1328	2	Hub ASM
6:1	139-1327	1	Hub-4In
6:1:1	ST39190	4	Stud-Wheel
6:2	ST32233	2	Bearing-Roller
6:3	ST80045	4	Nut-Lug
6:4	ST34573	1	Cap-Dust
6:5	ST32052	1	Seal-Hub, Wheel
7	3256-28	2	Washer-Flat
8	ST80054	2	Nut
9	3272-13	2	Pin-Cotter

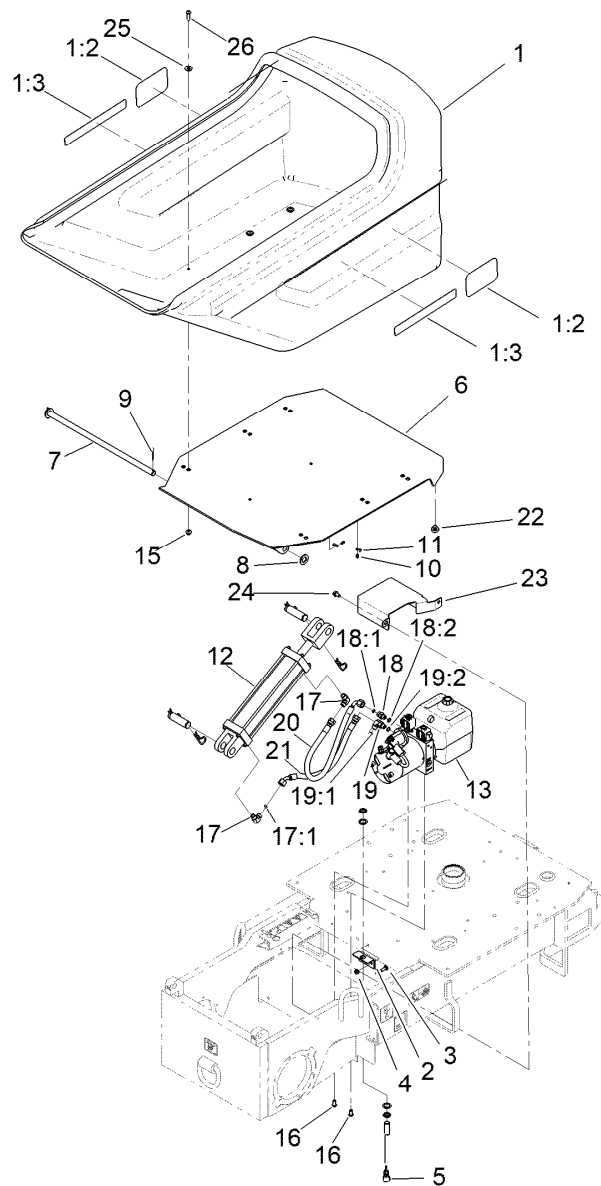


Tower and Hood Assembly

Ref.	Part Number	Qty.	Description
1	144-1652-03	1	Panel-Tower,Front
2	147-3219	1	Dash Panel ASM
2:2	145-1168	1	Decal-Control Panel
2:3	125-4967	2	Decal-Lift Here
3	3234-42	6	Screw-HHF
4	147-3220	1	Display Cover ASM
4:2	145-1169	1	Decal-Control Panel
5	119-4042	6	Nut-HF, NI
6	144-1662-01	1	Panel-Access, LH
7	94-2413	30	Nut-U
8	122-2152	1	Controller, Tdm-1601
9	136-9678	3	Cable Assy-Pushbutton
10	122-2513	1	Switch-Ignition, Suns
10:1	121-5160	1	Nut-Hex ●
10:2	122-2704	1	Nut-Face, M22 (Plastic)
10:3	121-5162	1	Set-Key, Ignition
11	145-4985-03	1	Plate-Decal [black]

Ref.	Part Number	Qty.	Description
12	145-4986-03	1	Plate-Decal [black]
13	136-6888	1	Switch, E-Stop
14	109-4872	38	Screw-HSH
15	144-1773	1	Hood
17	147-3221	1	Access Panel ASM, RH
17:2	145-1175	1	Decal-Service, Shut-Off
18	144-1735-03	1	Cover-Access, Bms
19	144-1774-03	1	Bracket-Hood
20	145-1172	2	Decal-Hypercell
21	147-3208-03	1	Bracket-Disconnect [black]
22	145-1171	2	Decal-E2500
23	104-8300	8	Nut-HF, NI
24	147-3203-03	1	Plate-Logo
25	145-1184	1	Decal-Backer, Red
26	3269-28	4	Rivet-Pop
28	110-9380	2	Screw-HWH
29	3269-26	4	Washer-Plain

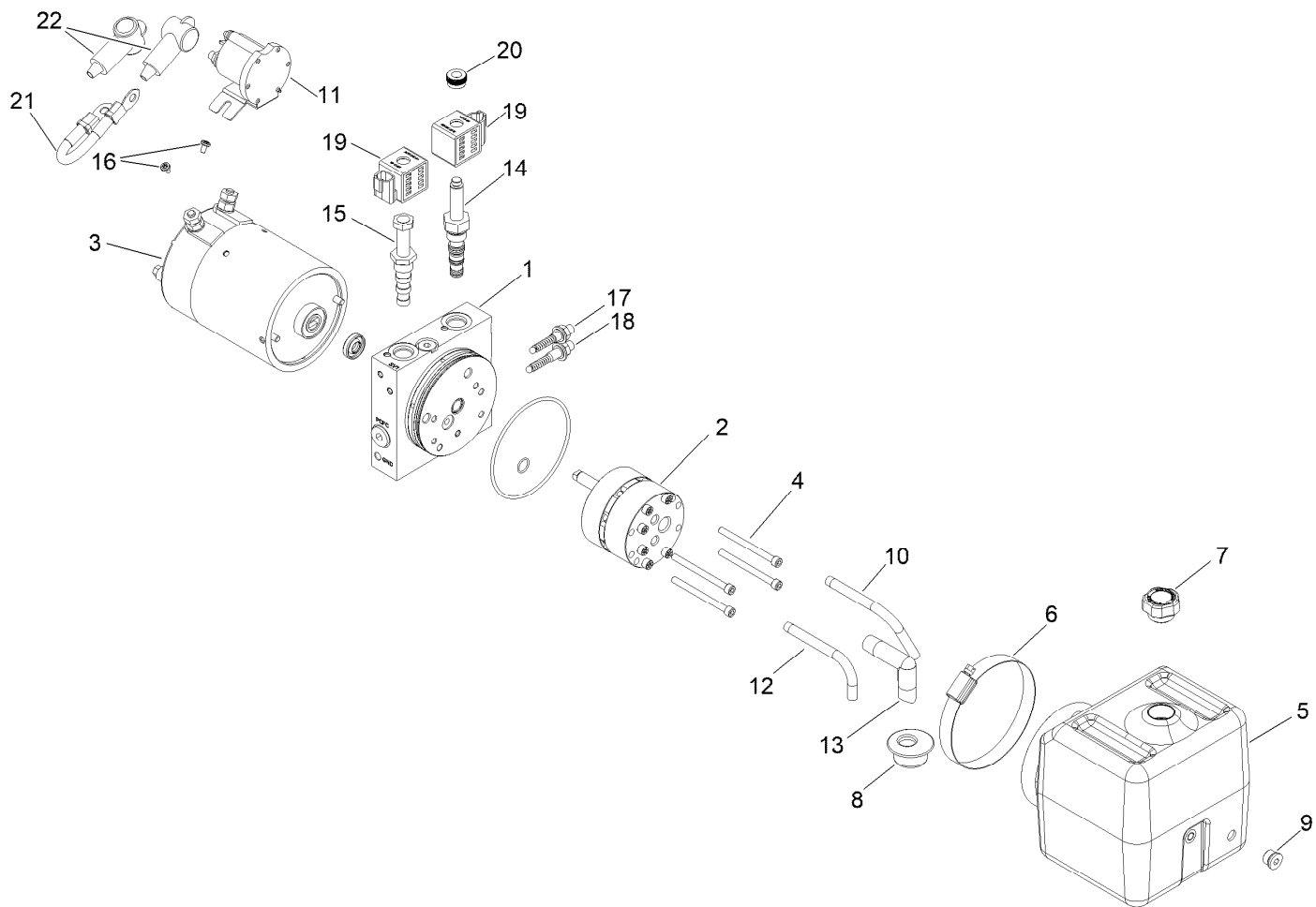
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Tub Assembly

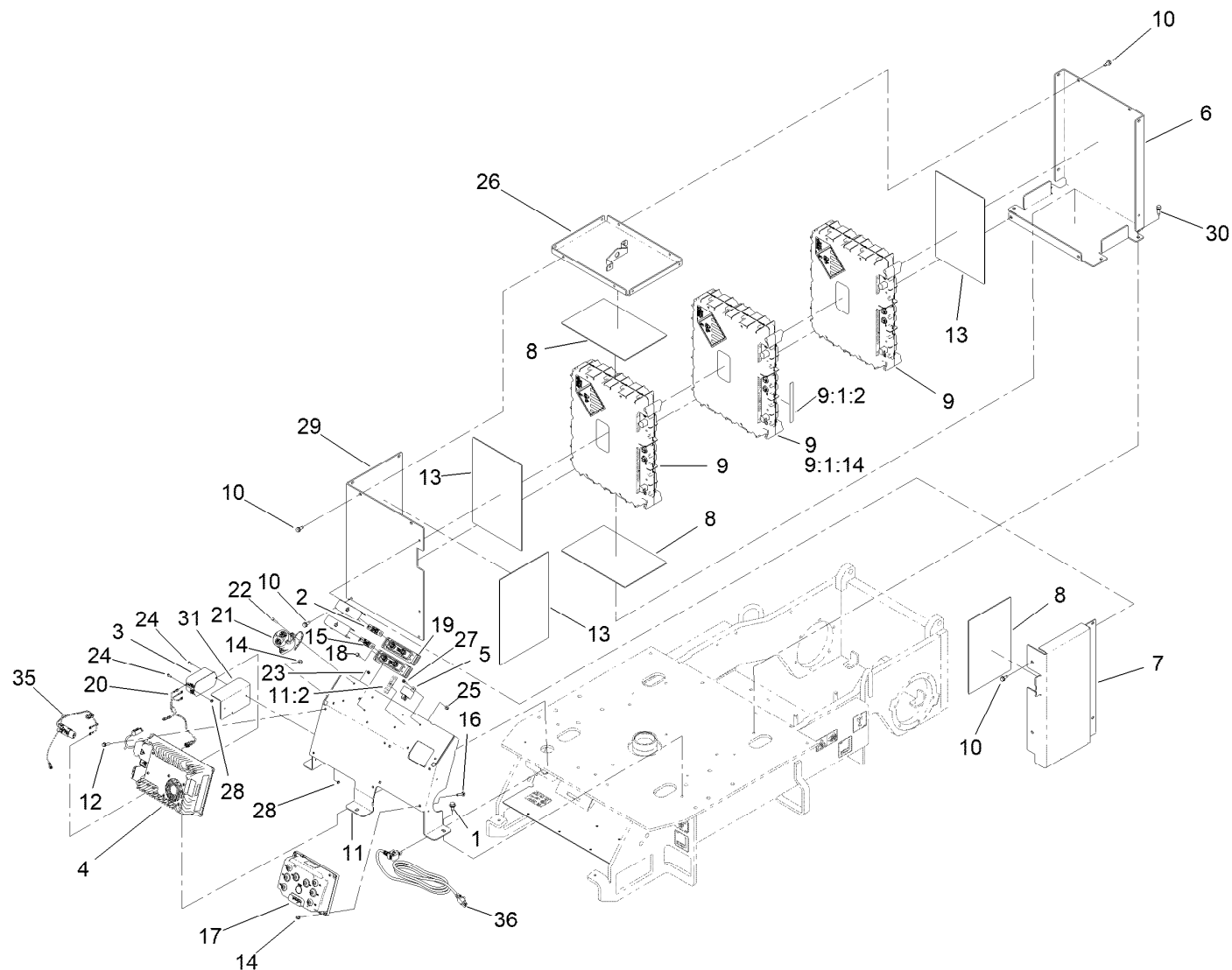
Ref.	Part Number	Qty.	Description
1	144-1762	1	Mortar Hopper ASM
1:2	105-1217	2	Decal
1:3	139-7237	2	Decal - E-Mud Buggy
2	144-1706	1	Bracket-Switch
3	3230-2	2	Bolt-CARR
4	104-8300	2	Nut-HF, NI
5	139-7238	1	Sensor-Proximity, N.O.
6	144-1698-03	1	Dump Bin Frame ASM-Welded
7	144-1709	1	Shaft-Dump Pivot
8	3256-28	2	Washer-Flat
9	3272-13	2	Pin-Cotter
10	302-5	3	Fitting-Grease
11	ST47001	3	Cap-Plug
12	ST50501	1	HYD Cylinder ASM
13	144-1716	1	Pump Unit-48 Vdc
15	104-8301	6	Nut-HF, NI

Ref.	Part Number	Qty.	Description
16	3274-80	2	Screw-HH
17	340-112	2	Fitting-Elbow, 90
17:1	237-22	1	O-Ring
18	340-2	1	Fitting-Straight
18:1	237-22	1	O-Ring
18:2	237-42	1	O-Ring
19	340-77	1	Fitting-Elbow, 90 DEG
19:1	237-22	1	O-Ring
19:2	237-42	1	O-Ring
20	144-1736	1	Hose ASM-HYD
21	144-1737	1	Hose ASM-HYD
22	140-3460	2	Bumper-Rubber
23	147-3217-03	1	Cover-Contactor
24	32144-69	2	Screw-HWHTF
25	3256-4	6	Washer-Flat
26	3274-63	6	Screw-HSBH



Pump Unit Assembly No. 144-1716

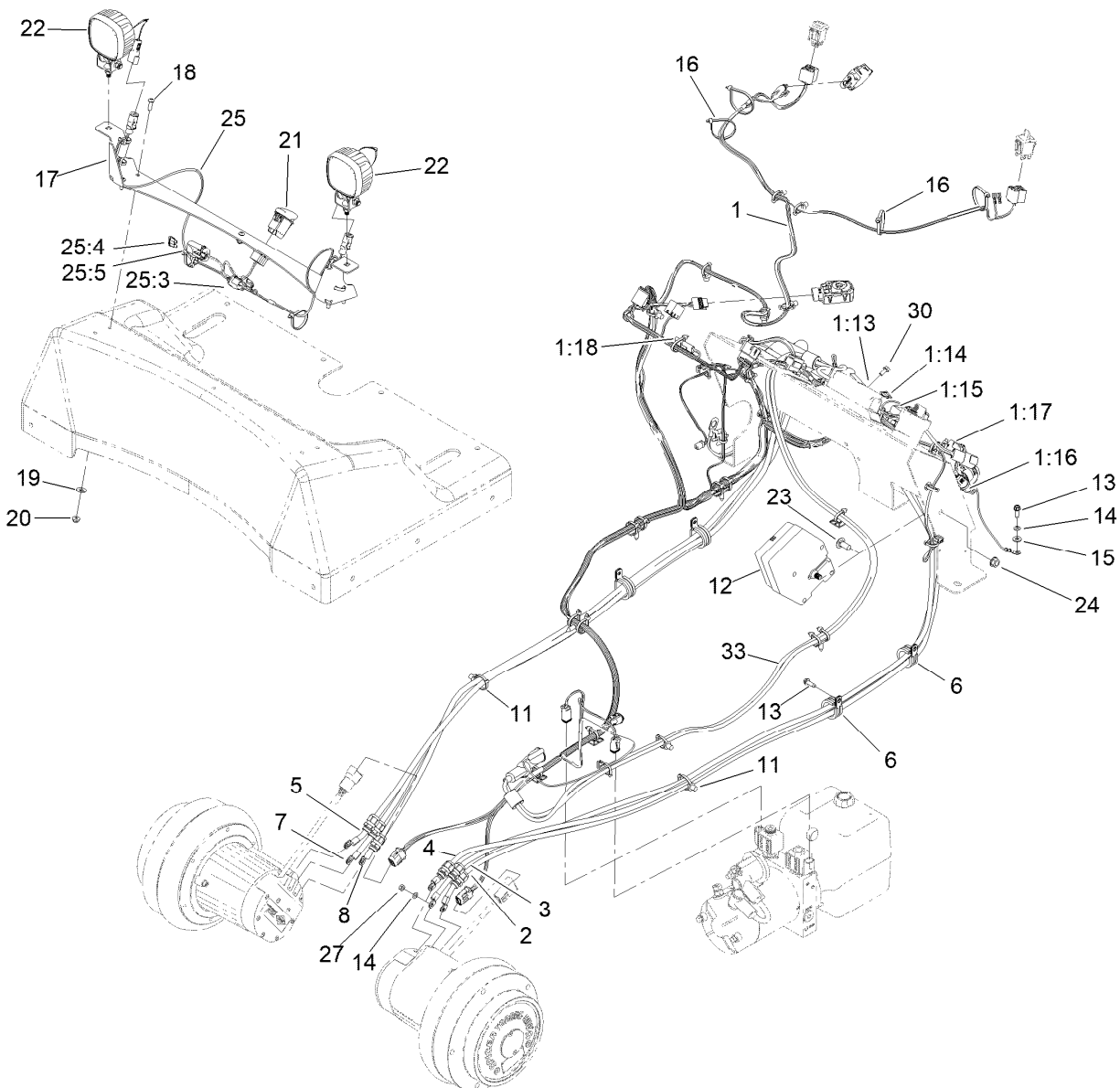
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	147-3239	1	Base ASM,M3556,Mod,STD Mtr/Mt	13	147-3251	1	Tube-Suction,90 Dgr,3/8Npt
2	147-3240	1	P Assy,Qm Mdlr,DC,Brgs Bld Rsv	14	147-3252	1	Cartridge,2W/2P W/ Po Chck,NC
3	147-3241	1	Motor-DC,36/48V,4.5In,2 Term,UI	15	147-3253	1	Cartridge,4-W/2-P,#8,1/2"stem
4	147-3242	1	Reservoir-Plastic,6.7X6.7X7.5,H/Mt	16	147-3254	2	Screw-Pan HD,Torx,10-32 X 5/16
5	147-3243	4	Screw-Shc,1/4-20 X 3.0,Blk Ox	17	147-3255	1	Valve ASM,Blue,>1000 PSI,R/V
6	147-3244	1	Clamp-Hose,Worm Gear,Rsv,M-Ser	18	147-3256	1	Valve ASM,Blue,>1000 PSI,Lng Scw,R/V
7	147-3245	1	Plug-Reservoir,Breather-Filler	19	147-3257	2	Coil,48Vdc,#8,Deutsch,UI
8	147-3246	1	Filter-Screen M-Series Suct.	20	147-3258	1	Nut,Valve,Coil,Size 8,Keta,Tal
9	147-3247	1	Plug,SAE O-Ring,9/16-18,Hex,So	21	147-3259	1	Cable-Insulated W/Lugs 5In,6GA,UI
10	147-3248	1	Tube-Return,90DEG,1/8Npt,M301	22	147-3260	2	Boot-Terminal,#4 Cable,Insulated
11	147-3249	1	Switch,Sol Act Mtr ST,48Vlt				
12	147-3250	1	Tube-Return,90DEG,1/8NPTF				



Battery Assembly

Ref.	Part Number	Qty.	Description
1	110-9380	3	Screw-HWH
2	122-2561	1	Fuse-200A
3	147-3225	1	Filter
4	161-1065	1	Charger-1200W W/DC Harness
5	122-3200	1	Relay
6	145-4919-0P	1	Mount-Battery, Base
7	145-4995-0P	1	Cover-Battery, Side
8	145-4925	3	Pad-Foam
9	145-5385	3	Battery ASM
9:1:2	145-5338	1	Decal-Warning, Battery
9:1:14	32180-466	2	Nut-Mounting, Jwpf Panel Lock
10	32144-11	13	Screw-HWH
11	147-3223	1	Bracket-Electrical
11:2	145-1173	1	Decal-Fuse
12	119-1066	4	Screw-HHF, Patch
13	145-4926	3	Pad-Foam
14	119-4040	8	Nut-HF, NI

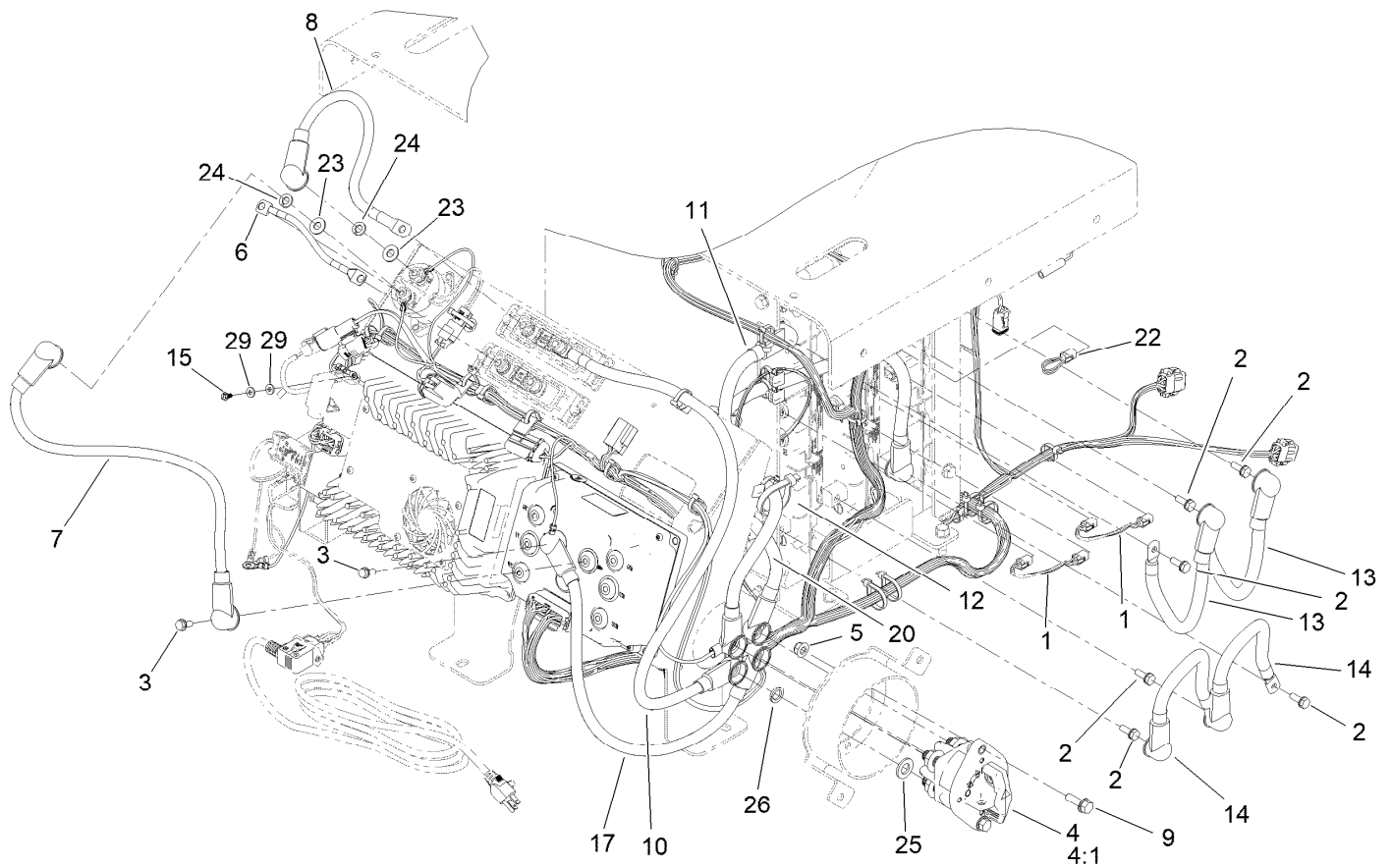
Ref.	Part Number	Qty.	Description
15	122-2627	1	Fuse-70A
16	3229-3	4	Screw-CARR
17	138-8984	1	Inv/Ctrlr-48V, Dual 94Arms
18	32144-4	4	Screw-HWH
19	145-4958	2	Holder-Fuse
20	122-3557	1	Harness-Wire, AC Charger
21	122-2594	1	Contactore-48V
22	87-5150	2	Screw-HH
23	87-5140	2	Nut-Lock
24	3250-26	3	Screw-PPH
25	120-4578	1	Nut-HF
26	147-3202-0P	1	Cover-Battery [primed]
27	32105-13	1	Screw-HWH
28	3296-54	3	Nut-Lock
29	145-4993-0P	1	Cover-Battery, Side
30	121-5844	4	Screw-Thd Form, HWH
31	147-3216-0P	1	Bracket-Filter
35	122-2744	1	Harness-Wire, AC Charger
36	122-3592	1	Cord-AC, 120V



Harness Assembly

Ref.	Part Number	Qty.	Description
1	122-2507	1	Harness-Wire, Main
1:13	117-4722	1	Fuse-Blade, 5A
1:14	117-4724	1	Fuse-Blade, 10A
1:15	32180-567	2	Cover-Aptiv, Modified
1:16	32180-282	1	Conn, Res, 120 Ohm
1:17	32180-089	1	Cap-Plug, 3 Way
1:18	116-0053	1	Cap-Plug
2	122-2602	1	Cable-Battery, Rd ASM
3	122-2603	1	Cable-Battery, Rd ASM
4	122-2604	1	Cable-Battery, Rd ASM
5	122-2605	1	Cable-Battery, Rd ASM
6	120-2037	4	R-Clamp
7	122-2606	1	Cable-Battery, Rd ASM
8	122-2607	1	Cable-Battery, Rd ASM
11	32180-030	3	Clip-Tie
12	145-4982	1	Horn
13	49-2040	5	Screw-HWHTF
14	1-303435	7	Washer-Spring

Ref.	Part Number	Qty.	Description
15	120-9679	1	Washer-Flat
16	3290-378	10	Tie-Cable
17	144-7138-03	1	Bracket-Mount,Light [black]
18	3274-69	5	Screw-HSBH
19	3256-2	5	Washer-Flat
20	104-7201	5	Nut-HF, NI
21	112-9421	1	Switch
22	147-3261	2	Light-Work
23	3231-27	1	Screw-CARR
24	3290-357	1	Nut-HSF
25	122-2366	1	Harness-Wire, Light Kit
25:3	32180-091	1	Cap-Dust, 2 Way
25:4	117-4720	1	Fuse-Blade, 3A
25:5	32180-567	1	Cover-Aptiv, Modified
27	HDW21408	6	Nut-Hex
30	145-5782	6	Screw-Sems
33	122-2791	1	Cable-Battery, Rd And Bk ASM



Battery Cable Assembly

Ref.	Part Number	Qty.	Description
1	140-9565	2	Harness-Wire, Data Interface
2	145-5783	6	Screw-Sems
3	145-5782	2	Screw-Sems
4	122-0603	1	Switch-Disconnect
4:1	33006-00	1	Nut-HF
5	104-8300	2	Nut-HF, NI
6	122-2610	1	Cable-Battery, Rd ASM
7	122-2611	1	Cable-Battery,Rd ASM
8	122-2612	1	Cable-Battery,Rd ASM
9	3234-29	2	Screw-HHF
10	122-2717	1	Cable-Battery, Rd ASM
11	122-2718	1	Cable-Battery, Rd ASM
12	3334-945	1	Tie-Cable

Ref.	Part Number	Qty.	Description
13	145-7182	2	Cable-Battery,Rd ASM
14	145-7183	2	Cable-Battery,Bk ASM
15	147-3228	1	Screw-Ground
17	122-2707	1	Cable-Battery, Bk ASM
20	122-2706	1	Cable-Battery, Bk ASM
22	122-2323	1	Harness-Wire, Can Terminator
23	107-0279	2	Washer
24	107-0280	2	Washer-Lock
25	147-3238	4	Washer-Flat
26	HDW14457	4	Split Lock Washer,1/2,ST/ST,18-8
29	3256-21	2	Washer-Flat
99	3290-379	1	Tie-Cable ●

● Not illustrated

Attachments and Accessories

For 68037 — Ultra Buggy e2500

Product Name	Model/Part
Toro Red 12oz Aerosol Can	361-10
New Red Paint - Gallon	361-11
Semi-Gloss Black Spray Paint	361-9
Dual Wheel Kit, Elec Wheeled Ultra Buggy	68022
Steel Tub Accessory For Material Buggies	68101



Count on it.