



Form No. 3482-744 Rev A

Count on it.

Parts Catalog

Ultra Buggy® e2500-TS

Model No. 68140—Serial No. 420578550 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

Hydraulic Pump Assembly 6

Battery Assembly 8

Tower and Hood Assembly 10

Track Assembly 12

Tub Assembly 14

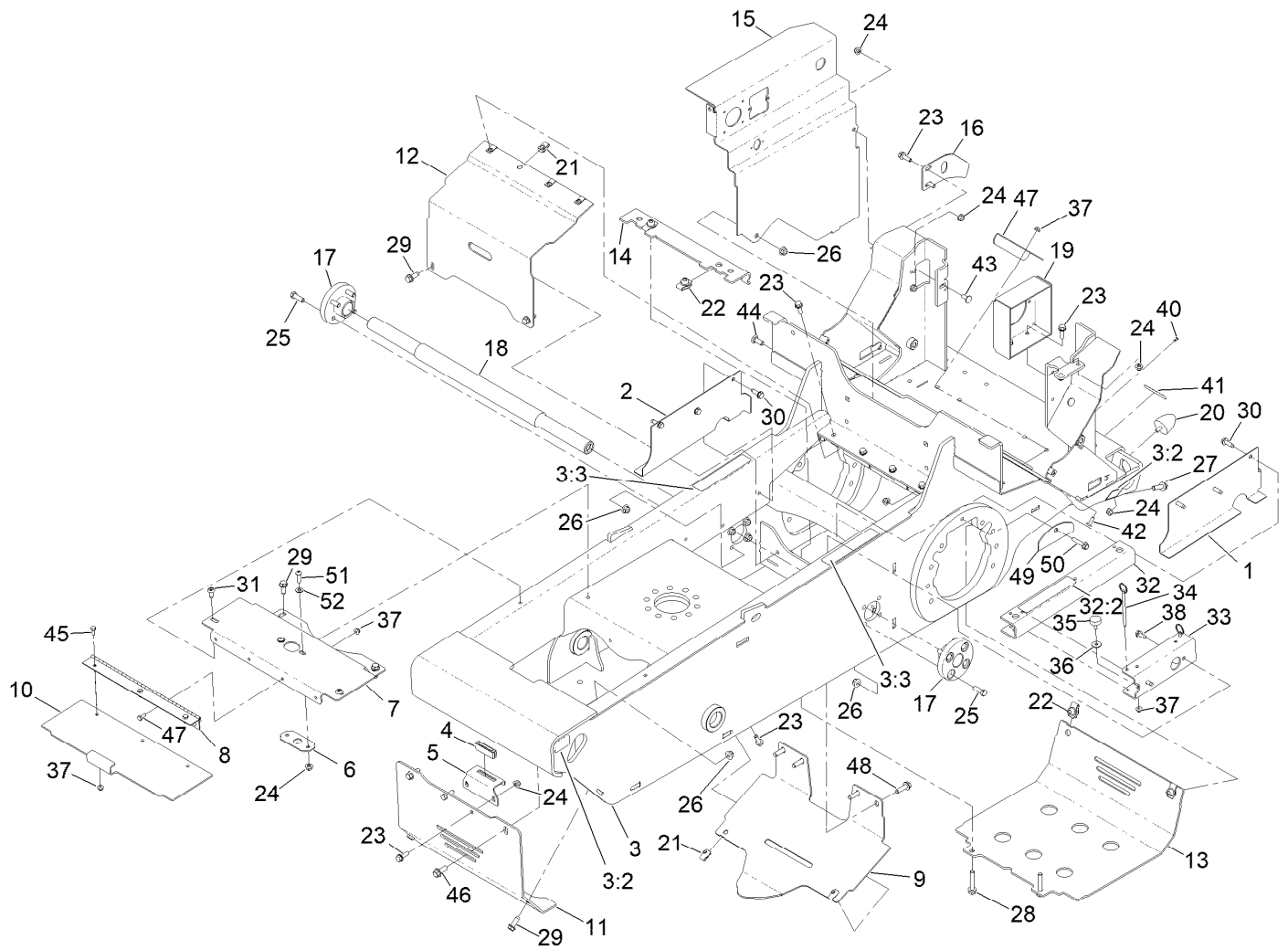
Electrical Assembly 16

Control Assembly No. 161-5582 18

Platform Assembly 20

Attachments and Accessories 22

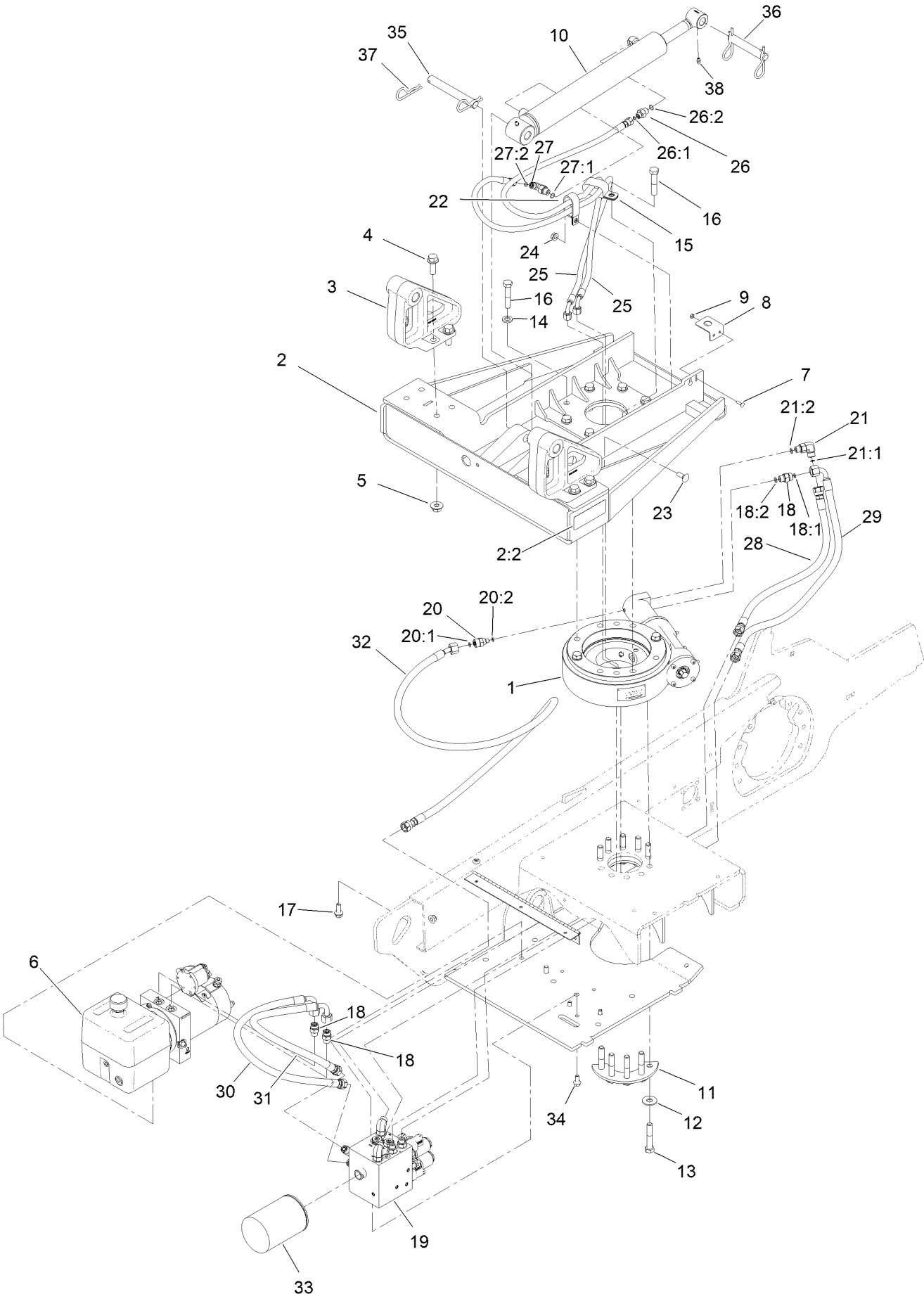
Frame Assembly



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	161-7554-05	1	Bracket-Wire Channel	26	119-4042	11	Nut-HF, NI
2	161-9558-05	1	Bracket-Wire Channel,RH	27	119-4061	2	Screw-HHF
3	163-4461	1	Frame-Swivel	28	108-3742	2	Screw-HHF
3:2	147-6707	4	Decal-Lift, Tie Down	29	139-2428	6	Screw-HWH
3:3	115-4858	2	Decal-Danger	30	701243	6	Screw-Thd Roll, HWH
4	99-3497	1	Magnet	31	138-9753	2	Screw
5	161-7591-05	1	Bracket-Magnet	32	137-9283	1	Arm-Locking
6	161-7588-05	1	Bracket-Prox Sensor	32:2	115-4858	1	Decal-Danger
7	161-5598-05	1	Cover-Hydraulics	33	161-7570-05	1	Bracket-Mount, Locking Arm
8	132-9021	1	Hinge-Hood	34	161-7595	2	Pin-Cotterless
9	161-7559-05	1	Cover-Slew	35	138-2662	2	Bumper-Rubber
10	161-7557-05	1	Cover-HYD, Hinged	36	3256-67	2	Washer
11	161-7558-05	1	Cover-Swivel, Front	37	104-7201	10	Nut-HF, NI
12	161-7553-05	1	Cover-Motor	38	32144-11	2	Screw-HWH
13	163-4476-05	1	Panel-Rear Skid, High Lift	40	3269-29	2	Rivet-Pop
14	163-2669-05	1	Mount-Skid Plate	41	133-8061	1	Decal-Warning
15	163-7931-05	1	Bracket-Cord Storage	42	1-807512	1	Bolt-CARR
16	161-7587	1	Bracket-Platform Latch	43	137-3061	1	Bolt-CARR
17	132-9075	2	Hub-Mount, Track	44	3231-22	1	Screw-CARR
18	161-3385	1	Shaft-Track Mount	45	137-3041	7	Screw-HH
19	161-5580-05	1	Bracket-Mount, Disconnect	46	3234-42	2	Screw-HHF
20	114-1926	4	Bumper-Rubber	47	163-4490-05	1	Bracket-Wire Guard
21	112-3306	10	Nut	48	139-2576	4	Screw-HWH
22	105-4886	4	Nut-Tinnerman	49	163-4495-05	2	Cover-Motor
23	3234-29	12	Screw-HHF	50	115-1794	2	Screw-HHF
24	119-4041	15	Nut-HF	51	109-4872	2	Screw-HSH
25	323-18	8	Screw-HH	52	120-9683	2	Washer-Plain

Hydraulic Pump Assembly

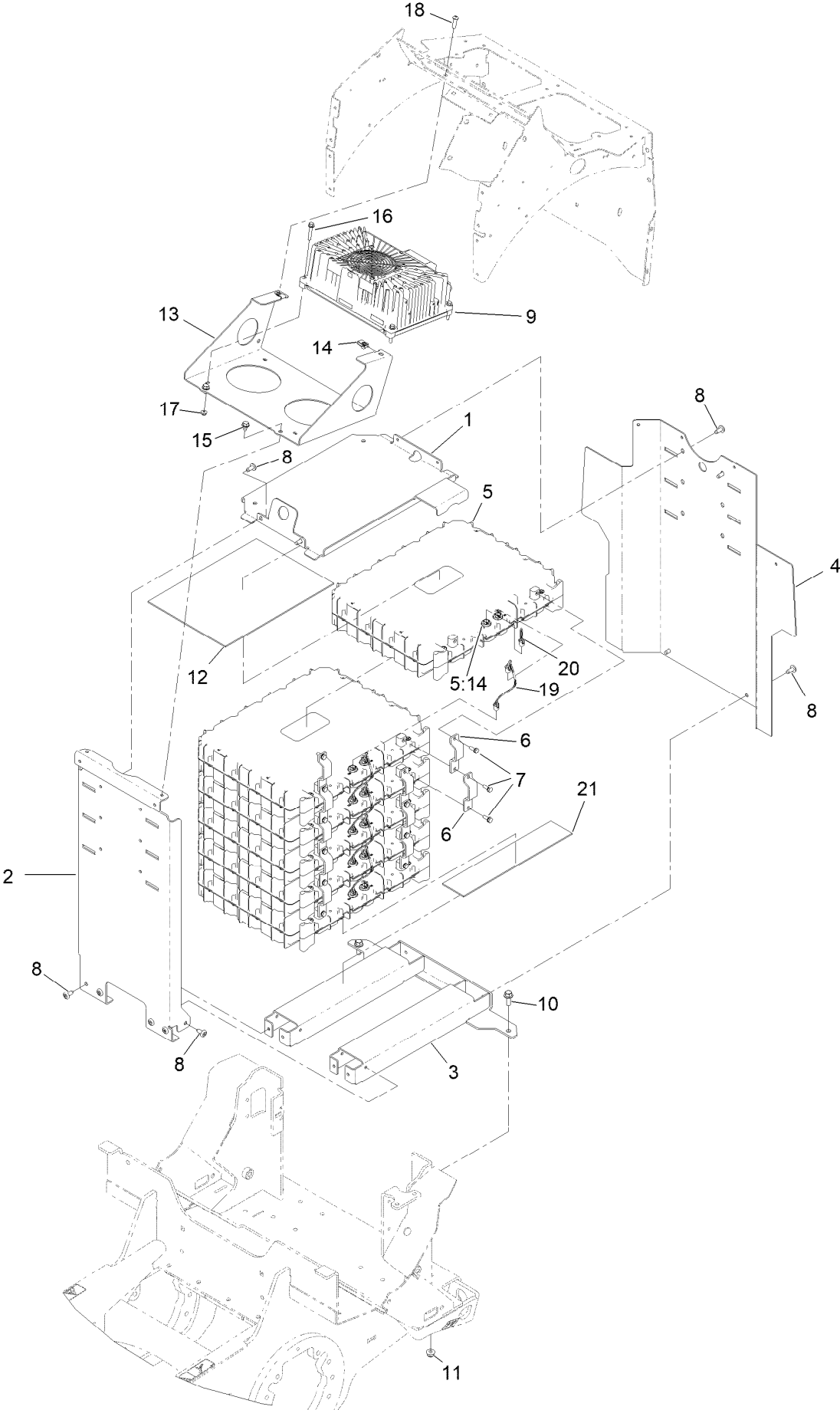


Hydraulic Pump Assembly (continued)

<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	139-7184	1	Drive-Slew	20	98-1282	1	Adapter-HYD, Straight
1:1	140-3579	1	Motor-HYD, Slew ●	20:1	237-22	1	O-Ring
1:2	139-7235	1	Seal-Lip ●	20:2	237-118	1	O-Ring
1:3	139-7236	1	Seal-Top Plate ●	21	340-77	1	Fitting-Elbow, 90 DEG
2	137-9278	1	Top Swivel Plate ASM	21:1	237-22	1	O-Ring
2:2	161-5517	2	Decal-Warning, Crushing	21:2	237-42	1	O-Ring
3	132-9025-05	2	Pivot-Dump (Machined)	22	2412-137	1	Clamp-R, Double
4	130-6482	8	Screw-HHF	23	3231-2	1	Bolt-CARR
5	32128-52	8	Nut-Lock, Flg	24	3290-357	1	Nut-HSF
6	147-3542	1	Pump Unit-48Vdc	25	161-8059	2	Hose-HYD
7	3229-20	2	Screw-CARR	26	340-1	1	Fitting-Straight
8	147-8291-05	1	Bracket-Prox Sensor, Swivel	26:1	237-21	1	O-Ring
9	3296-2	2	Nut-Lock, NI	26:2	237-42	1	O-Ring
10	140-3558	1	Cylinder, Hydraulic	27	340-82	1	Fitting-Elbow, 90 DEG
10:1	137-1813	1	Seal Repair Kit ●	27:1	237-42	1	O-Ring
11	139-7228-05	2	Spacer-Slew Mount	27:2	237-21	1	O-Ring
12	AU495-81163	10	Washer-Flat	28	161-8061	1	Hose-HYD
13	325-34	10	Screw-HH	29	161-8062	1	Hose-HYD
14	137-5550	7	Washer-Thrust	30	161-8063	1	Hose-HYD
15	139-7218	1	Clamp-R, Double	31	161-8064	1	Hose-HYD
16	AU426-840	8	Screw-HH	32	161-8065	1	Hose-HYD
17	3234-42	2	Screw-HHF	33	86-3010	1	Filter-Oil
18	340-2	3	Fitting-Straight	34	3234-47	3	Screw-HHF
18:1	237-22	1	O-Ring	35	140-3582	1	Pin,Plain
18:2	237-42	1	O-Ring	36	105-7456	1	Pin-Pivot
19	161-9507	1	Manifold-Hydraulic ASM, Swivel	37	3290-256	4	Pin-Hair
				38	302-5	2	Fitting-Grease

● Not illustrated

Battery Assembly

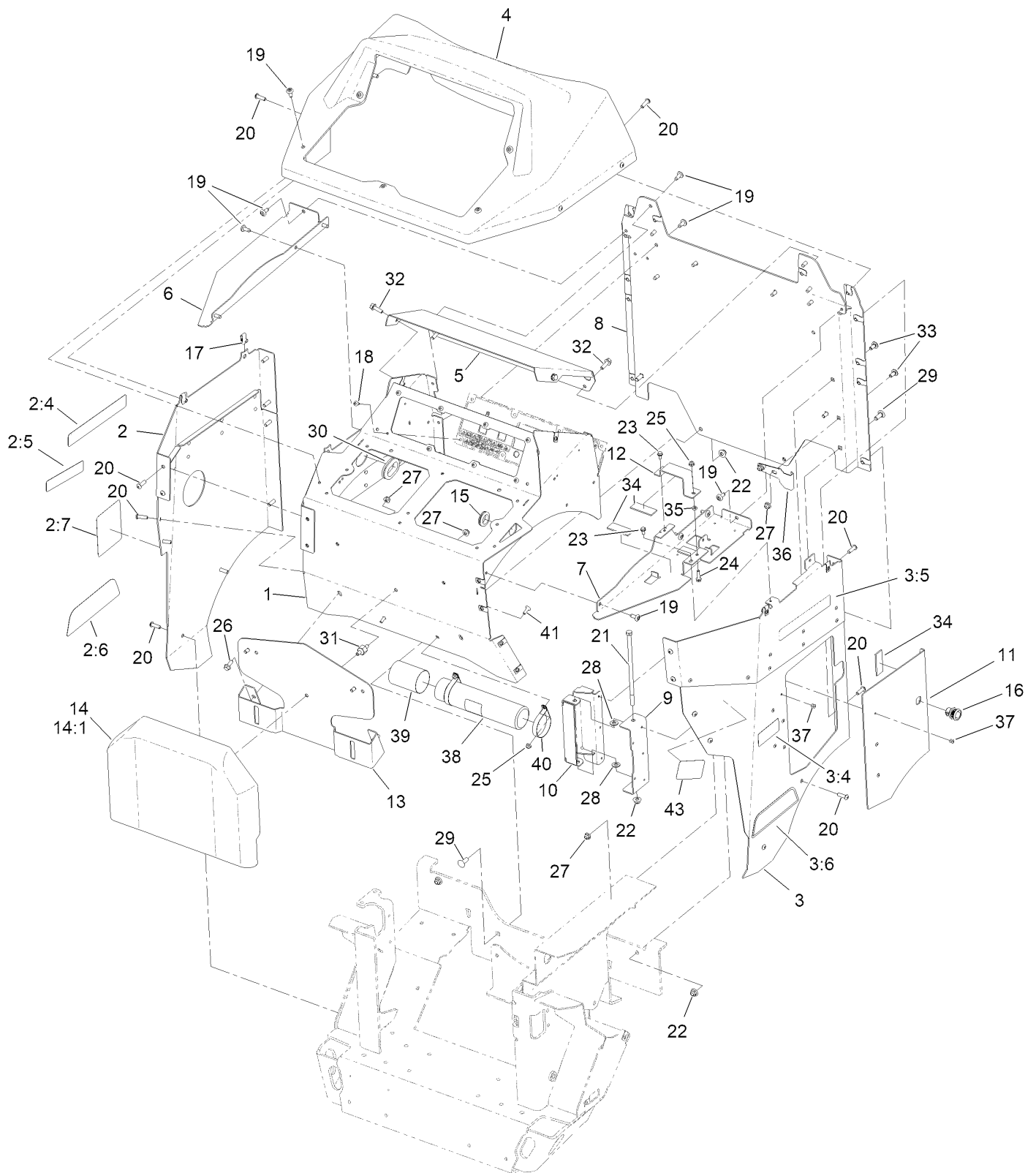


Battery Assembly (continued)

<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	11	119-4042	2	Nut-HF, NI
2	161-5563-05	1	Bracket-Battery Front	12	145-2366	1	Foam-Battery Box
3	161-5568-05	1	Frame-Battery Base [blk-Txt]	13	161-9549-05	1	Bracket-Mount, Charger
4	161-5564-05	1	Bracket-Battery,Rear	14	112-3306	2	Nut
5	145-5385	6	Battery ASM	15	9266934	2	Screw
5:2	145-5338	1	Decal-Warning, Battery ●	16	94-5781	4	Screw-HHF
5:14	32180-466	2	Nut-Mounting, Jwpf Panel Lock	17	104-7201	4	Nut-HF, NI
6	147-3877	10	Bar-Bus, 400A	18	109-4872	2	Screw-HSH
7	145-5783	12	Screw-Sems	19	140-9565	5	Harness-Wire, Data Interface
8	138-9753	11	Screw	20	122-2323	1	Harness-Wire, Can Terminator
9	145-5393	1	Charger-Onboard	21	163-4489	2	Foam-Battery Box
10	3234-42	2	Screw-HHF				

● Not illustrated

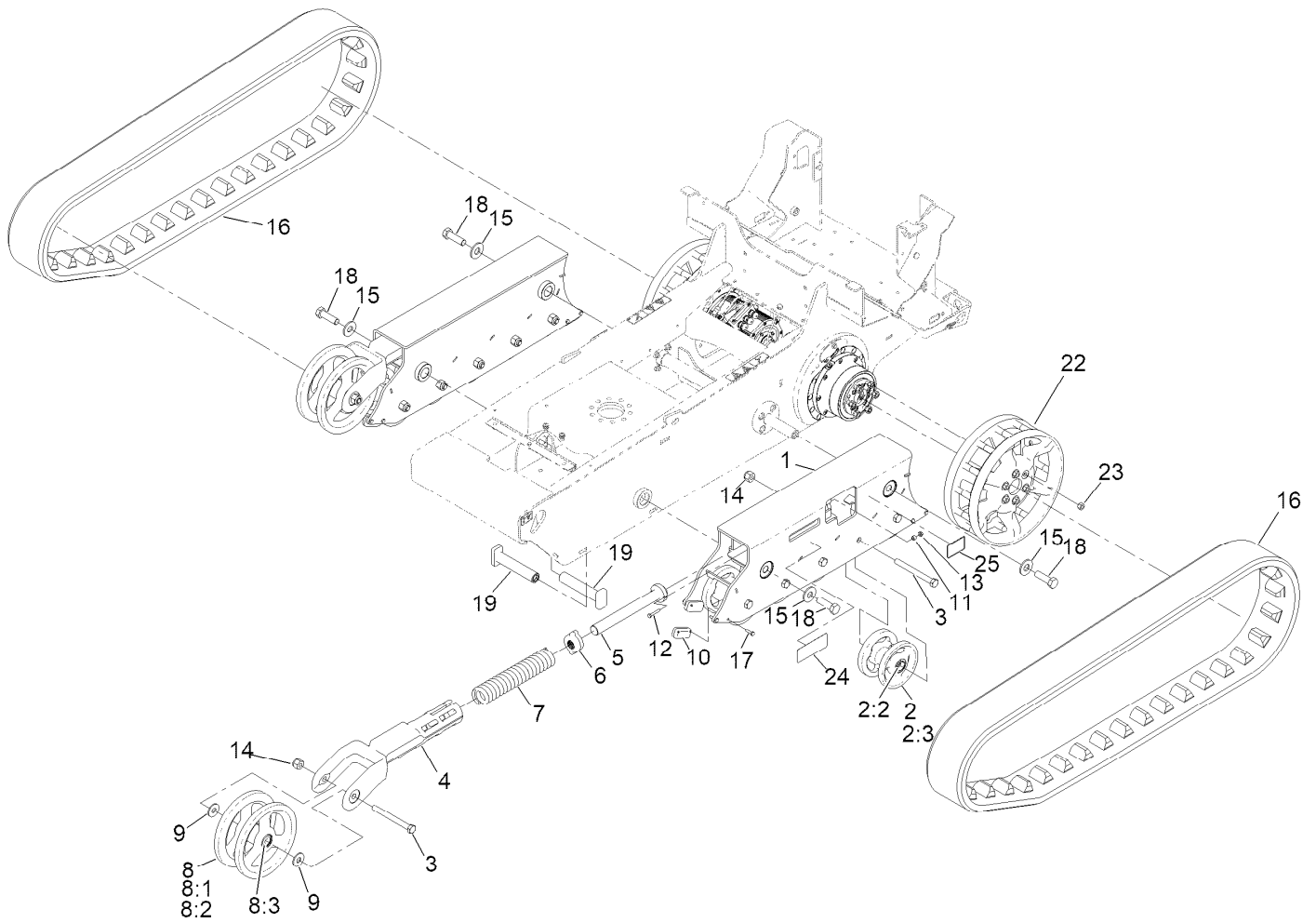
Tower and Hood Assembly



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	161-5550	1	Panel-LH ASM, Swivel	19	138-9753	23	Screw
2:4	161-5514	1	Decal-E2500Ts	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	119-4042	5	Nut-HF, NI
2:7	163-4473	1	Decal-Service	23	93-6083	2	Screw-HWH
3	161-5551	1	Panel-RH ASM, Swivel	24	120-4654	1	Screw-HHF
3:4	161-2443	1	Decal-Charging	25	104-7201	3	Nut-HF, NI
3:5	161-5514	1	Decal-E2500Ts	26	3234-47	2	Screw-HHF
3:6	145-1172	1	Decal-Hypercell	27	119-4041	8	Nut-HF
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	137-3061	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	43	100-4627	2	Reflector

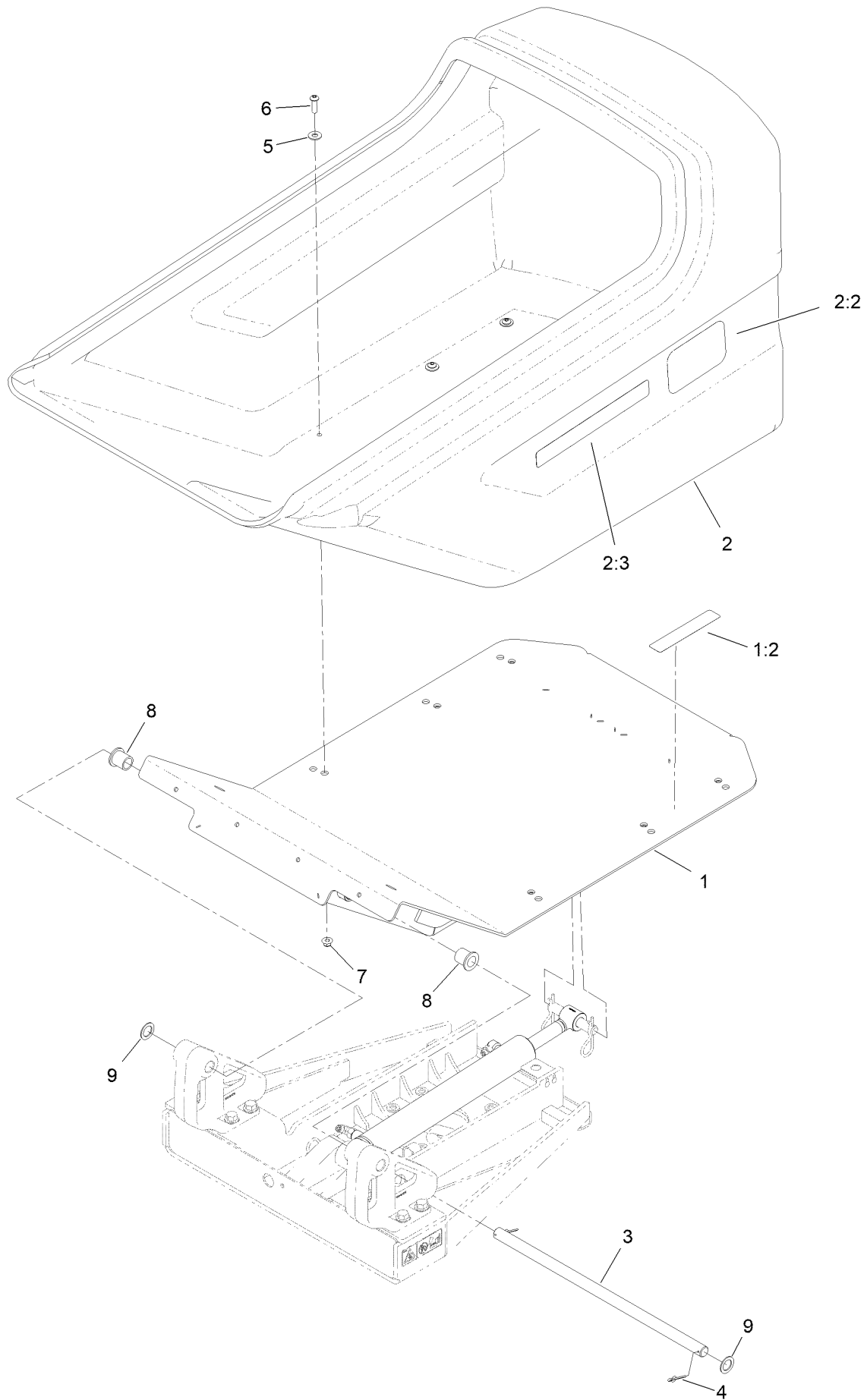
Track Assembly



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	12	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	Electric Ultra Buggy 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	22	163-7930-05	2	Wheel-Drive, Buggy [blk-Txt]
8:1	104-5747-03	1	Wheel-Tensioner	23	104-9914	12	Nut-Hex
8:2	98-9835	1	Spacer-Wheel, Tensioner	24	139-7201	2	Decal-Warning, Bystanders
8:3	120-5378	2	Bearing-Ball	25	139-7709	2	Decal-Water Level
9	3256-7	4	Washer-Flat				
10	132-6053	8	Block-Track				

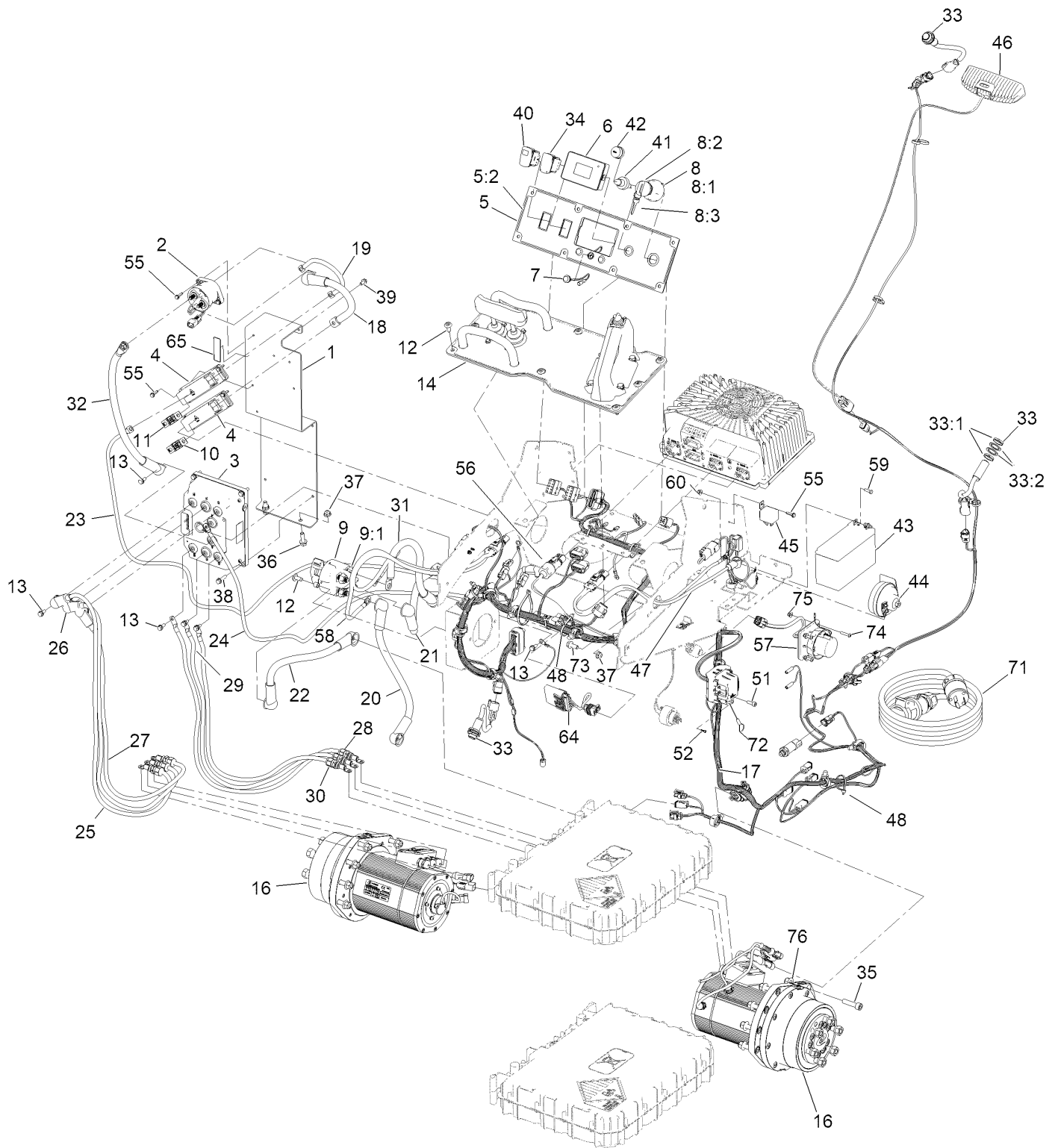
Tub Assembly



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	137-9281	1	Hopper Base ASM	4	3272-13	2	Pin-Cotter
1:2	115-4858	2	Decal-Danger	5	3256-4	6	Washer-Flat
2	144-1762	1	Mortar Hopper ASM	6	3274-63	6	Screw-HSBH
2:2	105-1217	2	Decal	7	119-4042	6	Nut-HF, NI
2:3	139-7237	2	Decal - E-Mud Buggy	8	1-303514	2	Bearing-Flanged
3	132-8854	1	Shaft-Pivot,Tub	9	99-4958	2	Spacer

Electrical Assembly

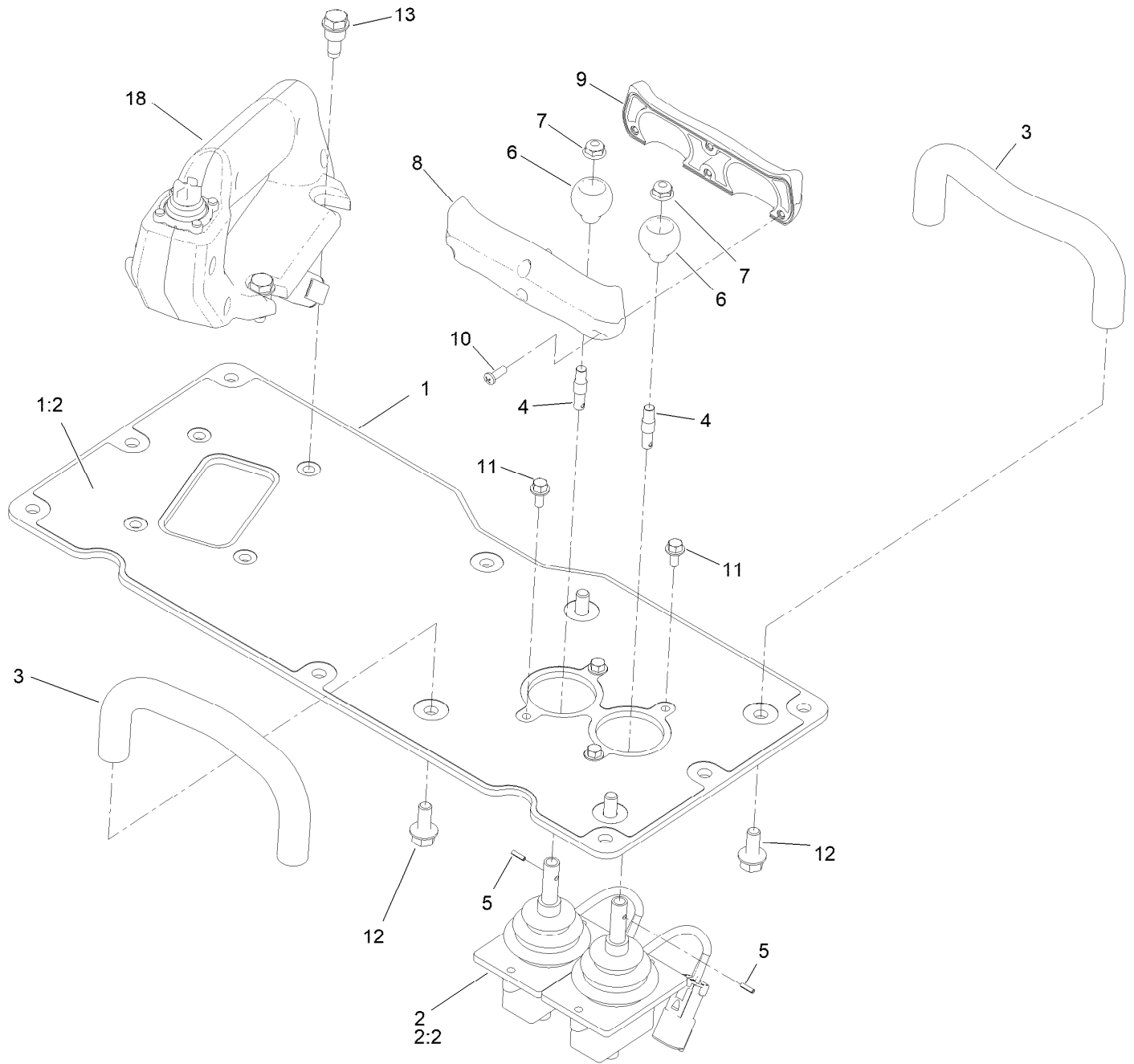


Electrical Assembly (continued)

<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	31	122-3119	1	Cable-Battery, Bk ASM
2	122-2594	1	Contacto-48V	32	122-3110	1	Cable-Battery, Rd ASM
3	138-8984	1	Inv/Ctrlr-48V, Dual 94Arms	33	139-7238	3	Sensor-Proximity, N.O.
4	145-4958	2	Holder-Fuse	33:1	117-3207	2	Nut-Hex ●
4:1	3253-4	2	Washer-Lock ●	33:2	117-3208	2	Washer-Lock, Internal Tooth ●
4:2	3256-74	4	Washer-Flat ●				
4:3	33014-00	4	Nut-Hex ●	34	112-9421	1	Switch
5	137-9288	1	Panel-Instrument	35	09718	16	Screw-Sh
5:2	147-9721	1	Decal-Display Panel	36	3234-29	2	Screw-HHF
6	122-1201	1	Module-Display	37	119-4041	3	Nut-HF
7	136-9678	3	Cable Assy-Pushbutton	38	32144-86	4	Screw-HWHTF
8	122-2513	1	Switch-Ignition, Suns	39	93-6083	2	Screw-HWH
8:1	121-5160	1	Nut-Hex	40	122-2719	1	Switch-Rocker, On-None-(On)
8:2	122-2704	1	Nut-Face, M22 (Plastic)				
8:3	121-5162	1	Set-Key, Ignition	41	112-3324	1	Switch-Horn
9	122-0603	1	Switch-Disconnect	42	112-3313	1	Nut-Weatherproof
9:1	33006-00	1	Nut-HF	43	112-9621	1	Battery-Wet, 12V 9Ah, Sealed W/Hrdwr
10	122-2959	1	Fuse-350A				
11	122-2559	1	Fuse-100 Amp	44	116749	1	Horn
12	138-9753	10	Screw	45	122-3200	1	Relay
13	145-5782	8	Screw-Sems	46	126-7839	1	Light-LED
14	161-5582	1	Controls ASM, E2500Ts	47	122-3658	1	Harness-Wire,DC Aux
16	163-4401	2	Motor/Gearbox ASM-48V 3Kw 41:1 Rdctn	48	3290-378	3	Tie-Cable
16:1	147-9107	1	Cassette Seal Ring ●	51	105-2409	2	Screw-HSH
17	122-3106	1	Harness-Wire, Main	52	363-8289	2	Scr,TAP,6-19X7/16,Phph,Stl,Rohs
18	122-3109	1	Cable-Battery, Rd ASM	55	100-4351	7	Screw-HWH
19	122-3111	1	Cable-Battery, Rd ASM	56	122-3656	1	Harness-Wire, AC In
20	122-3107	1	Cable-Battery, Rd ASM	57	122-4099	1	Harness-Wire, Inlet, 60309
21	122-3108	1	Cable-Battery, Rd ASM	58	122-3659	1	Harness-Wire,DC Out
22	122-3120	1	Cable-Battery, Bk ASM	59	60-6910	2	Screw-HH
23	122-3121	1	Cable-Battery, Rd ASM	60	120-4580	2	Nut-HF
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
				76	103-9511	16	Nut-Flg

● Not illustrated

Control Assembly No. 161-5582

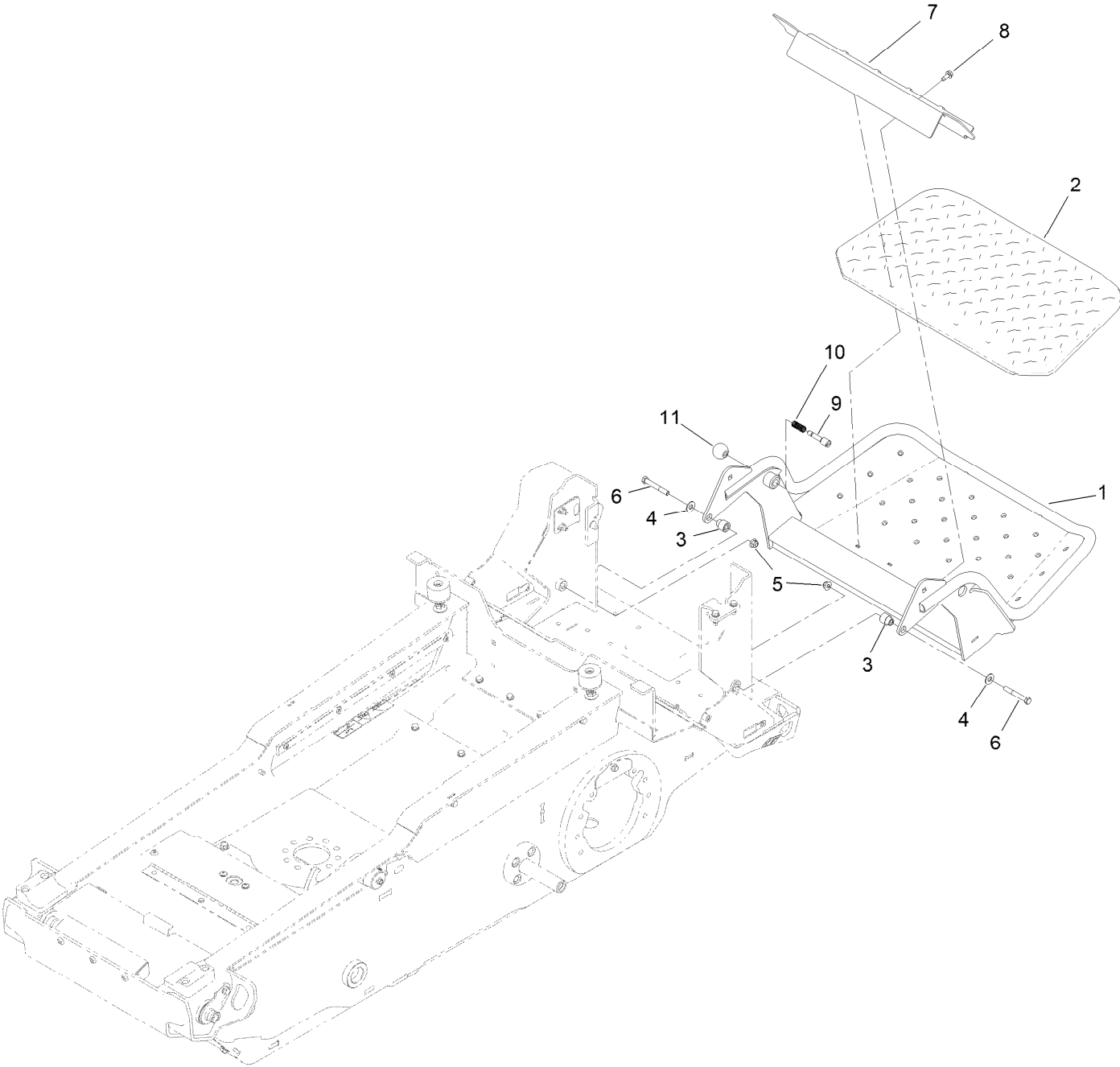


Control Assembly No. 161-5582 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	137-9289	1	Plate-Controls, E2500Ts
1:2	147-9708	1	Decal-Controls, E2500Ts
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

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	119-4042	2	Nut-HF, NI	11	1-603175	1	Knob-Ball
6	323-13	2	Screw-HH				

Attachments and Accessories

For 68140 — Ultra Buggy e2500-TS

Product Name	Model/Part
Charger Cable Assembly	122-3489
Charger Cable Assembly	122-3490
Charger Cable Assembly	122-4204
Brush Kit	163-4400
SAE J1772 Charging Kit	163-7922
IEC 62196 Charging Kit	163-7924
CE Kit	163-7932
Toro Red 12oz Aerosol Can	361-10
New Red Paint - Gallon	361-11
Semi-Gloss Black Spray Paint	361-9
Steel Tub Accessory For Material Buggies	68101

Notes:



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