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Form No. 3468-699 Rev D

Parts Catalog

e2500 Ultra Buggy®

Model No. 68140—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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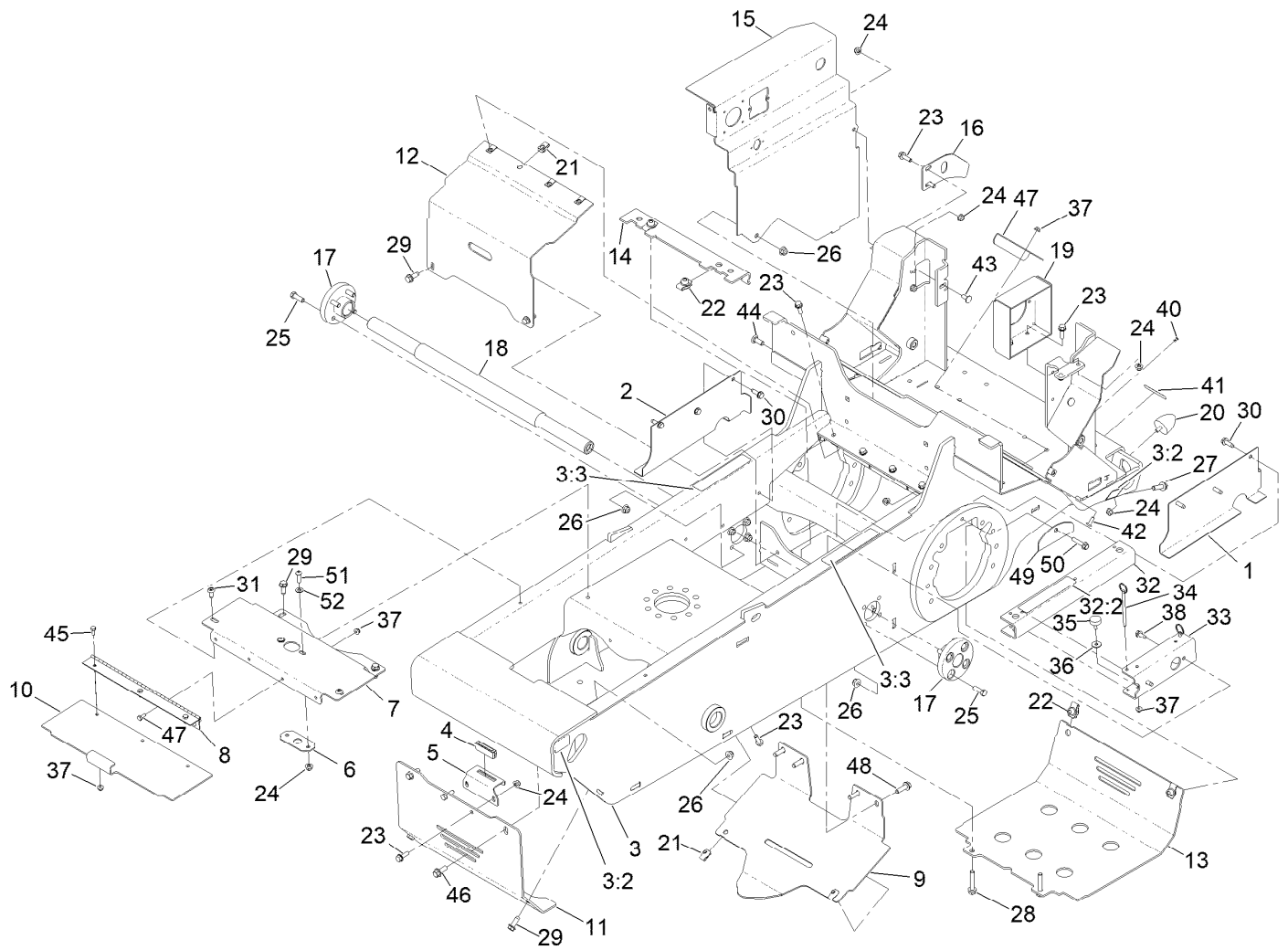
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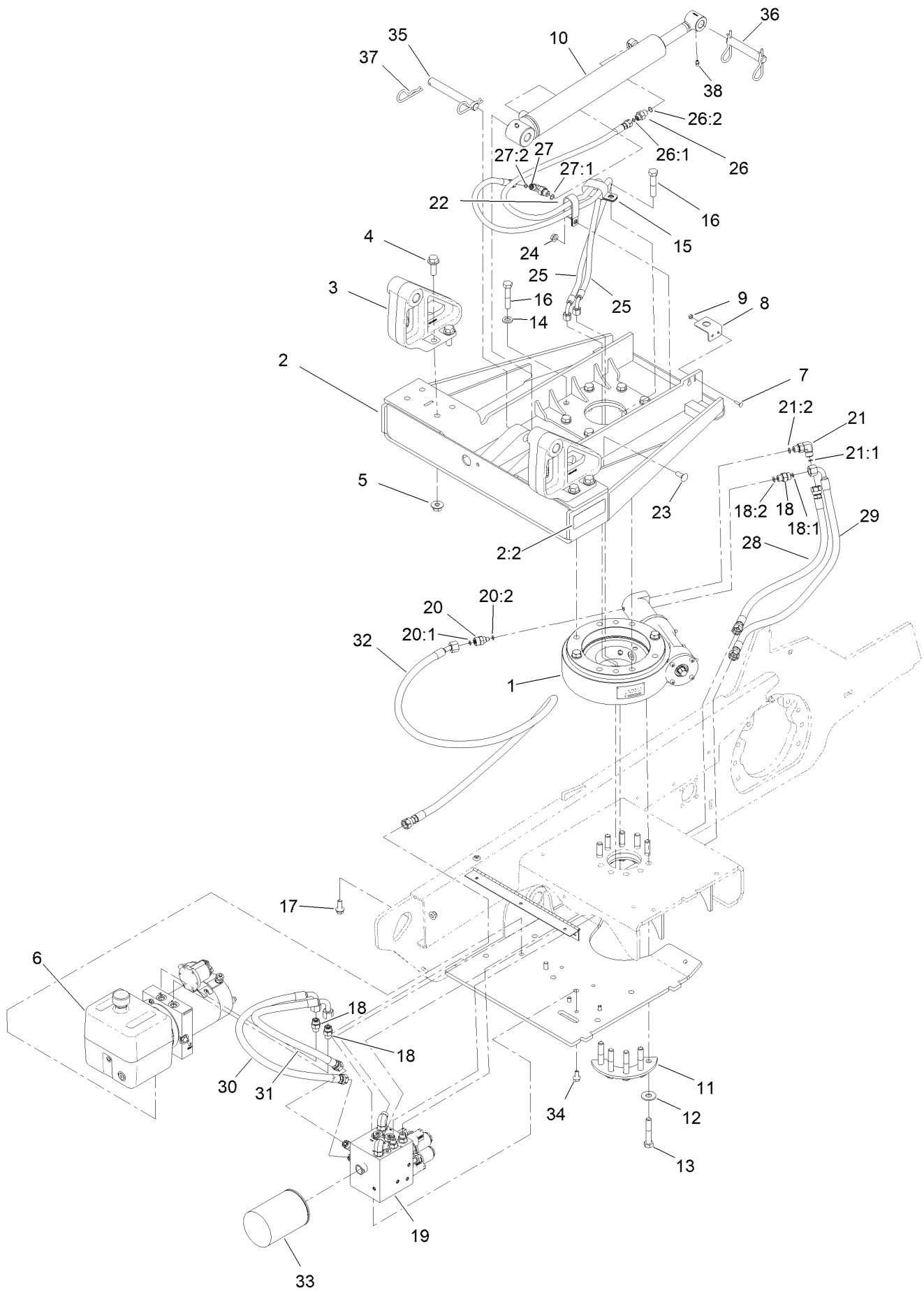
Frame Assembly



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	161-7554-05	1	Bracket-Wire Channel	26	104-8301	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	3230-23	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	104-8300	15	Nut-HF, NI	51	109-4872	2	Screw-HSH
25	323-18	8	Screw-HH	52	120-9683	2	Washer-Plain

Hydraulic Assembly



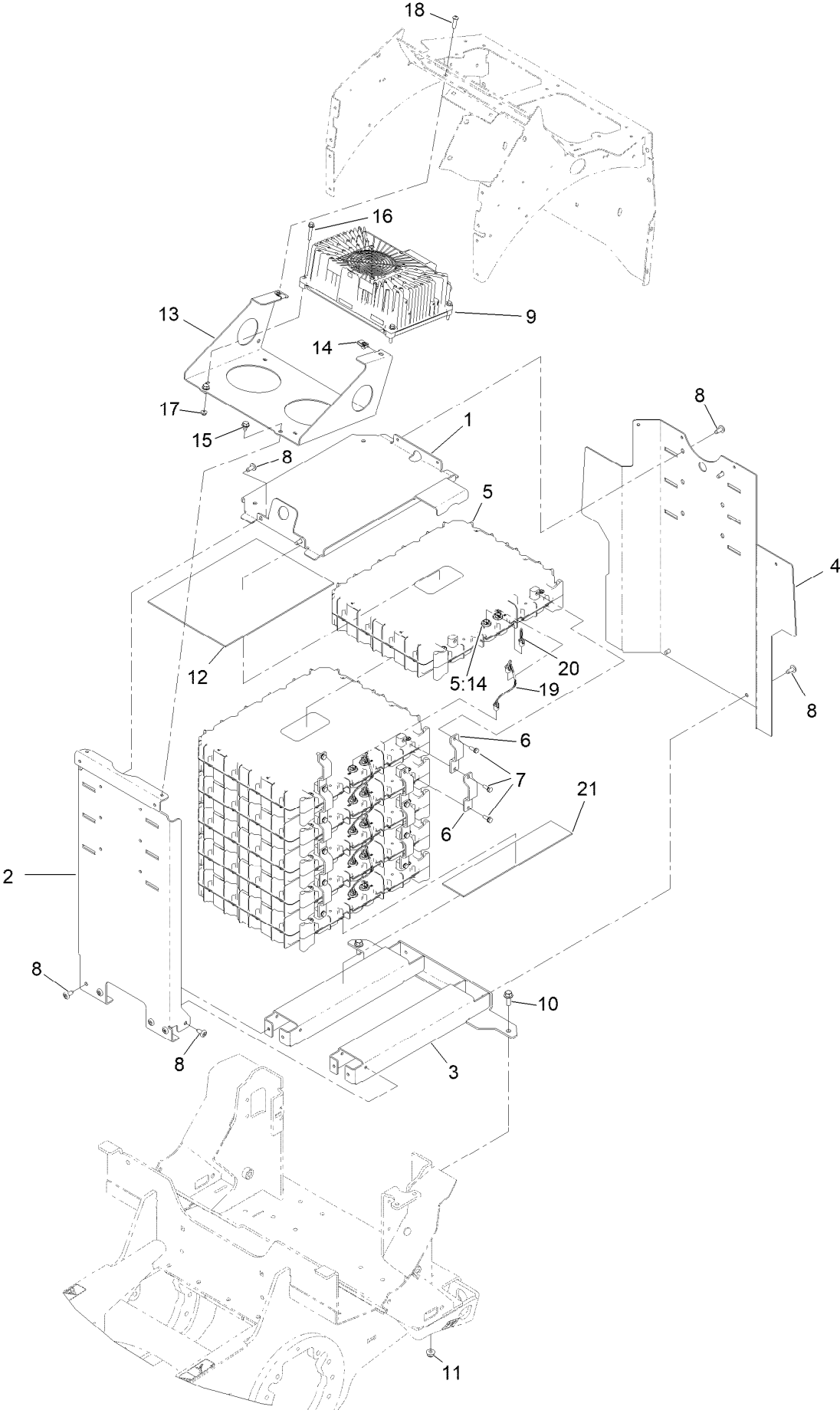
Hydraulic Assembly (continued)

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

● Not illustrated

■ Not serviced separately

Battery Assembly

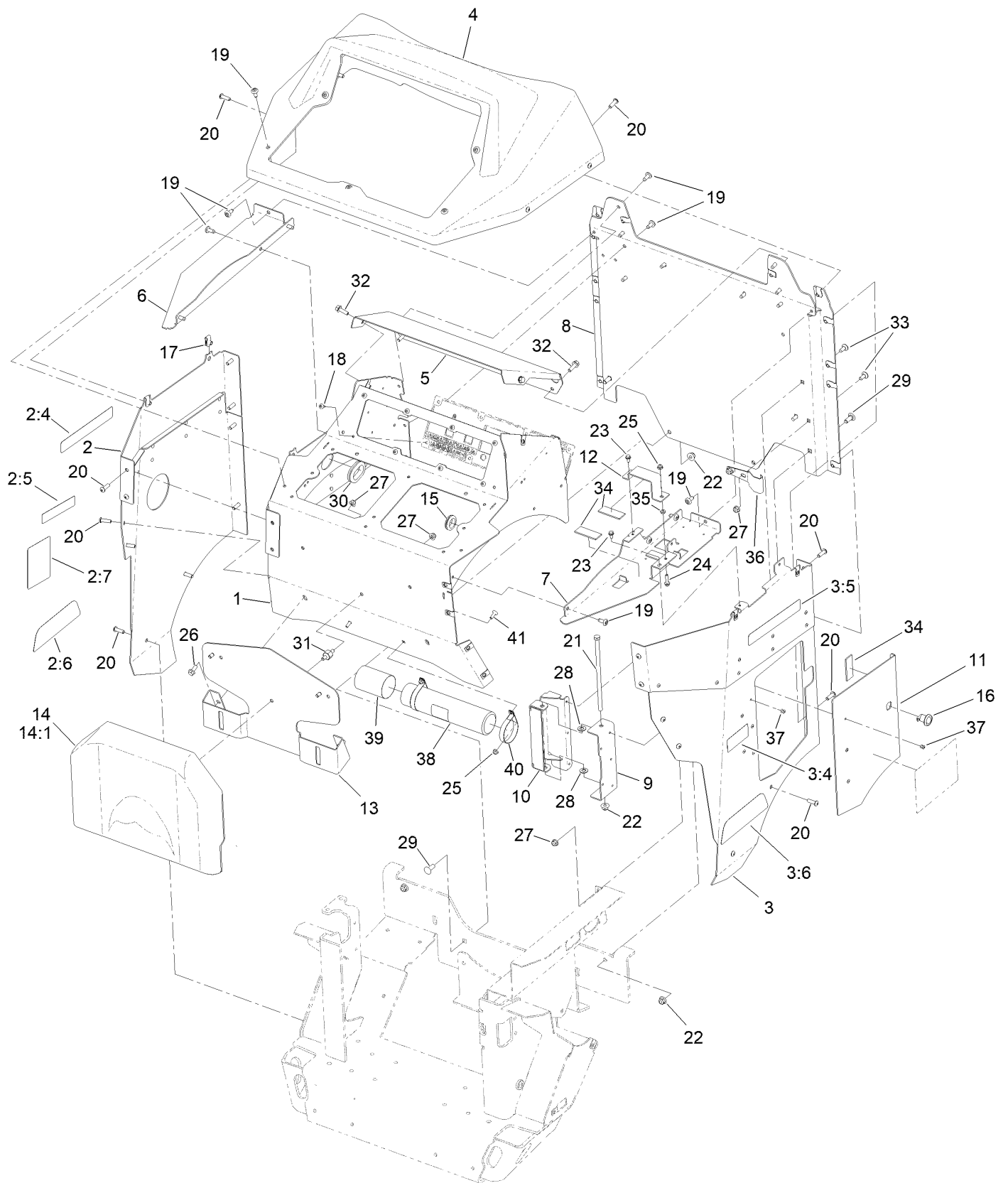


Battery Assembly (continued)

<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

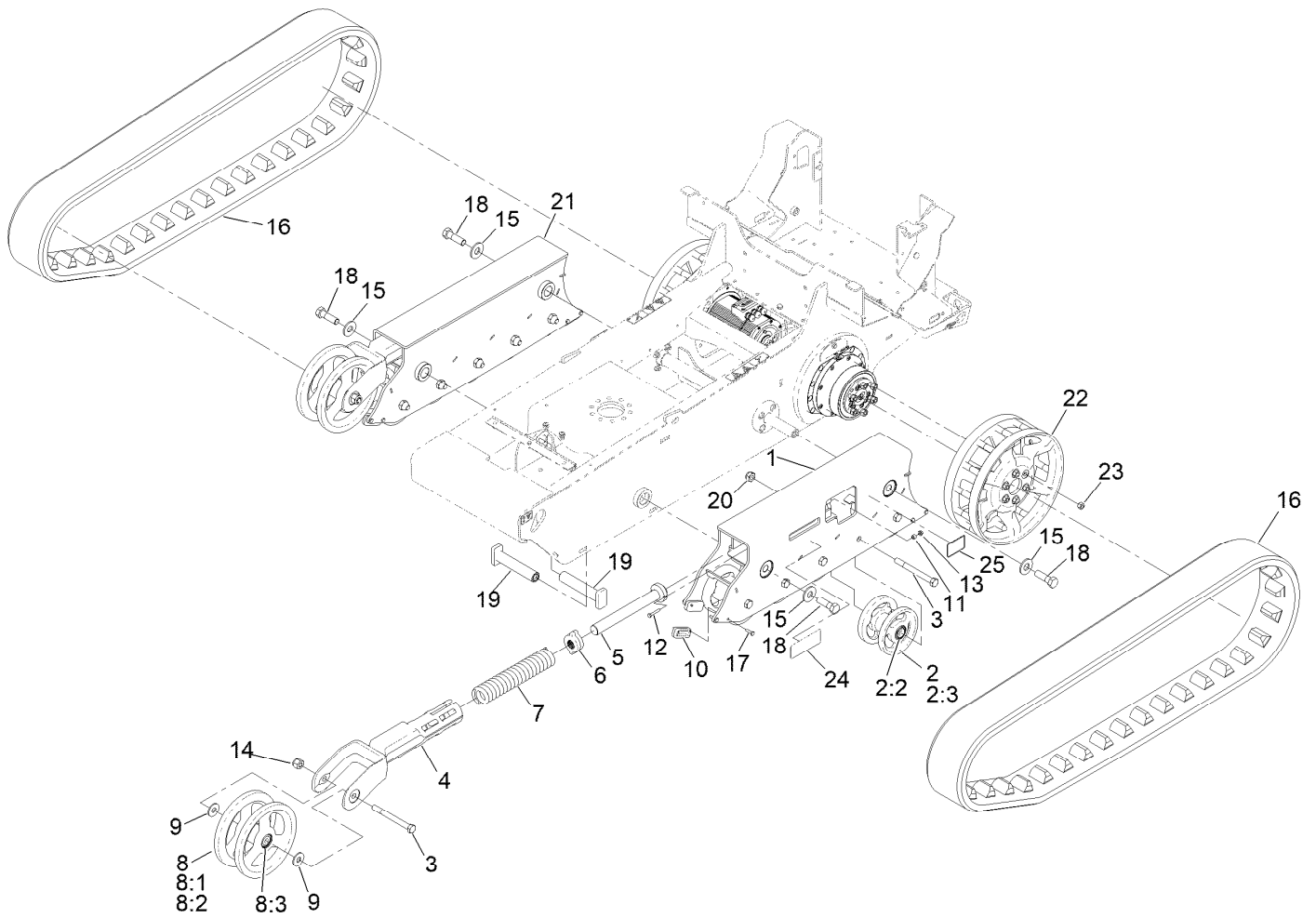
Tower and Hood Assembly



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	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	104-8301	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	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				

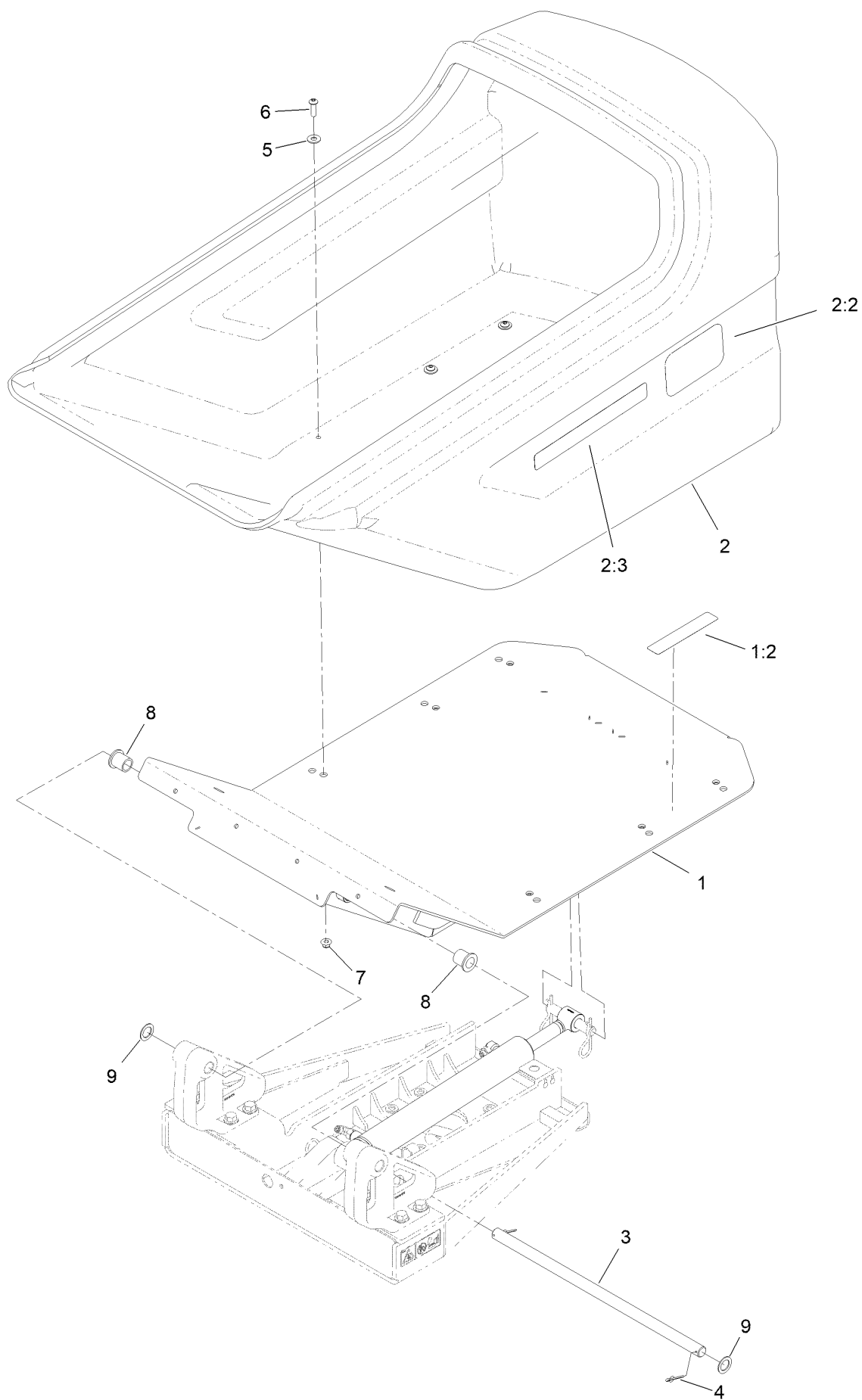
Track Assembly



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	3296-61	10	Nut-Lock
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

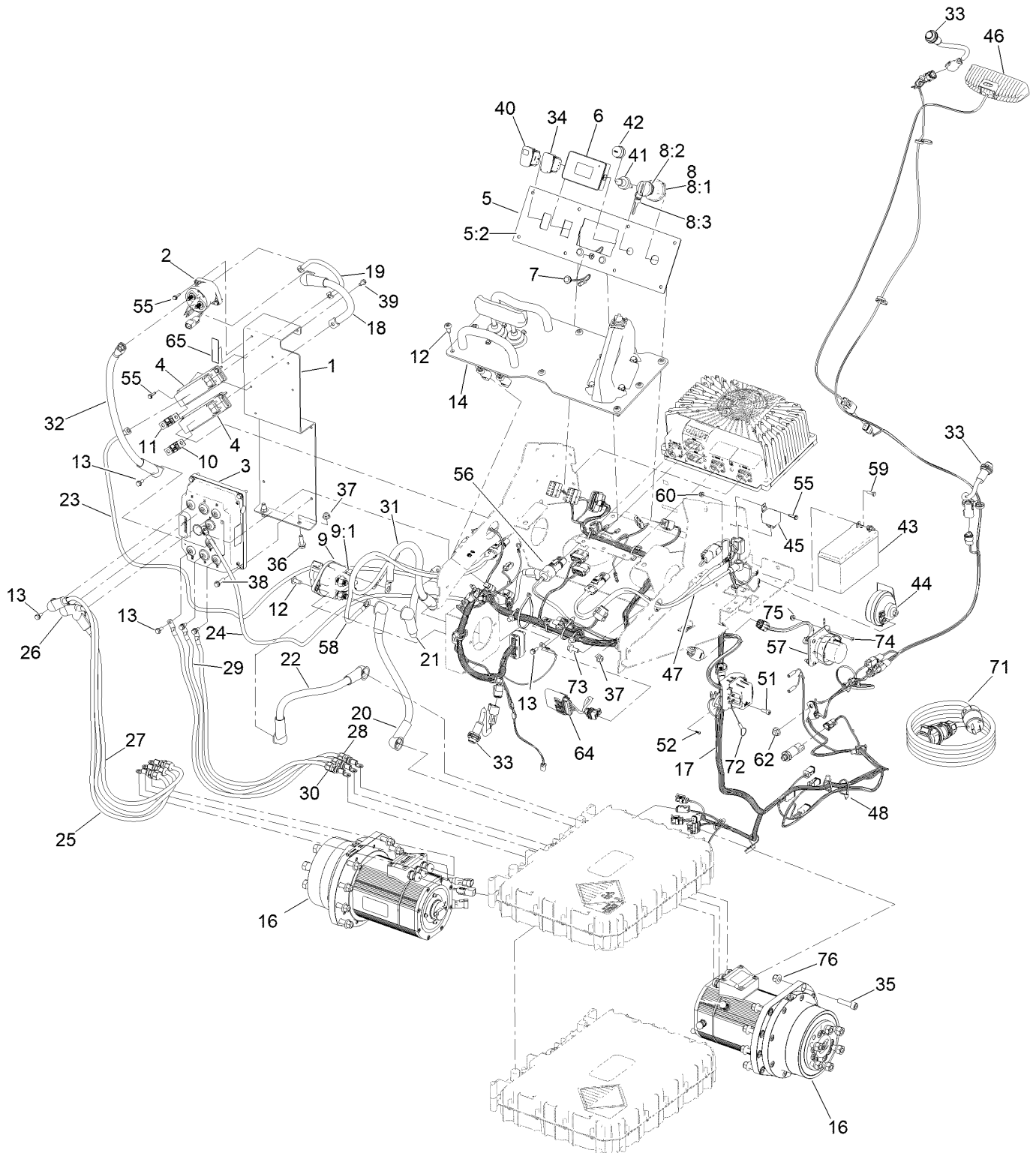
Tub Assembly



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	137-9281	1	Hopper Base ASM	4	3272-13	2	Pin-Cotter
1:2	115-4858	1	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	104-8301	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

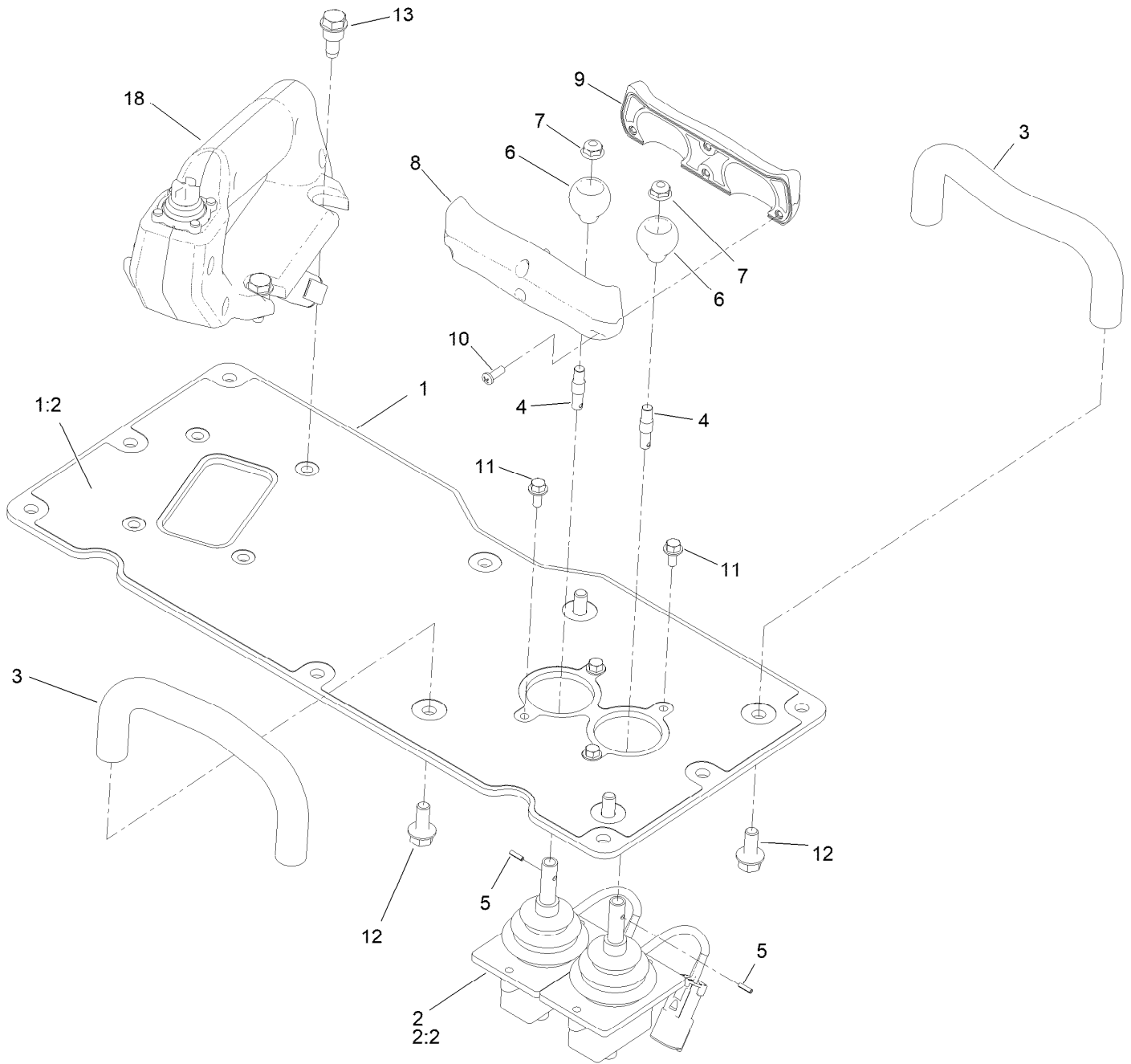


Electrical Assembly (continued)

<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	32	122-3110	1	Cable-Battery, Rd ASM
2	122-2594	1	Contactor-48V	33	139-7238	3	Sensor-Proximity, N.O.
3	138-8984	1	Inv/Ctrlr-48V,Dual 94Arms	34	112-9421	1	Switch
4	145-4958	2	Holder-Fuse	35	09718	16	Screw-Sh
5	137-9288	1	Panel-Instrument	36	3234-29	2	Screw-HHF
5:2	147-9721	1	Decal-Display Panel	37	104-8300	3	Nut-HF, NI
6	122-1201	1	Module-Display	38	32144-86	4	Screw-HWHTF
7	136-9678	3	Switch-Pushbutton	39	93-6083	2	Screw-HWH
8	122-2513	1	Switch-Ignition, Suns	40	122-2719	1	Switch-Rocker, On-None-(On)
8:1	121-5160	1	Nut-Hex	41	112-3324	1	Switch-Horn
8:2	122-2704	1	Nut-Face, M22 (Plastic)	42	112-3313	1	Nut-Weatherproof
8:3	121-5162	1	Set-Key, Ignition	43	112-9621	1	Battery-Wet, 12V 9Ah, Sealed W/Hrdwr
9	122-0603	1	Switch-Disconnect	44	116749	1	Horn
9:1	33006-00	1	Nut-HF	45	122-3200	1	Relay
10	122-2959	1	Fuse-350A	46	126-7839	1	Light-LED
11	122-2559	1	Fuse-100 Amp	47	122-3658	1	Harness-Wire,DC Aux
12	138-9753	10	Screw	48	3290-378	3	Tie-Cable
13	145-5782	8	Screw-Sems	51	105-2409	2	Screw-HSH
14	161-5582	1	Controls ASM, E2500Ts	52	363-8289	2	Scr,TAP,6-19X7/16,Phph,Stl,Rohs
16	163-4401	2	Motor/Gearbox ASM-48V 3Kw 41:1 Rdctn	55	100-4351	7	Screw-HWH
16:1	147-9107	1	Cassette Seal Ring ●	56	122-3656	1	Harness-Wire, AC In
17	122-3106	1	Harness-Wire, Main	57	122-4099	1	Harness-Wire, Inlet, 60309
18	122-3109	1	Cable-Battery, Rd ASM	58	122-3659	1	Harness-Wire,DC Out
19	122-3111	1	Cable-Battery, Rd ASM	59	60-6910	2	Screw-HH
20	122-3107	1	Cable-Battery, Rd ASM	60	120-4580	2	Nut-HF
21	122-3108	1	Cable-Battery, Rd ASM	62	104-8301	1	Nut-HF, NI
22	122-3120	1	Cable-Battery, Bk ASM	64	119-4330	1	Isolated Can Module ASM
23	122-3121	1	Cable-Battery, Rd ASM	65	161-5516	1	Decal-Electrical
24	122-3118	1	Cable-Battery, Bk ASM	71	122-3491	1	Cable-Assembly, Charger
25	122-4194	1	Cable-Battery, Rd ASM	72	163-4491	1	Strap-Cable, Cap
26	122-4195	1	Cable-Battery, Rd ASM	73	3234-47	1	Screw-HHF
27	122-4196	1	Cable-Battery, Rd ASM	74	108-3153	4	Screw-HSBH
28	122-4197	1	Cable-Battery, Rd ASM	75	120-4578	4	Nut-HF
29	122-4198	1	Cable-Battery, Rd ASM	76	103-9511	16	Nut-Flg
30	122-4199	1	Cable-Battery, Rd ASM				
31	122-3119	1	Cable-Battery, Bk ASM				

● Not illustrated

Control Assembly No. 161-5582

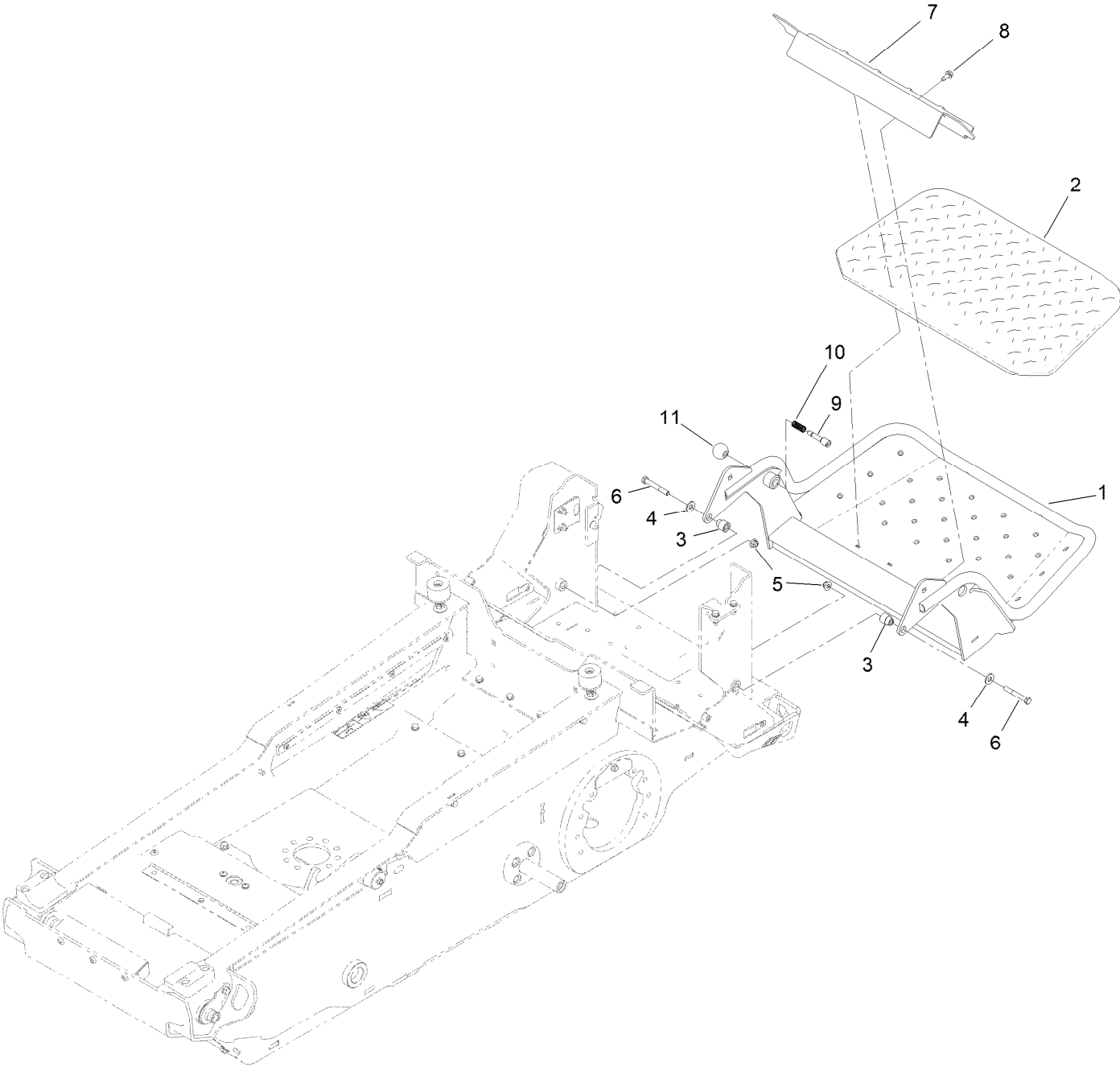


Control Assembly No. 161-5582 (continued)

<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	104-8301	2	Nut-HF, NI	11	1-603175	1	Knob-Ball
6	323-13	2	Screw-HH				

Attachments and Accessories

For 68140 — 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
Steel Tub Accessory For Material Buggies	68101

Notes:



Count on it.