



Form No. 3462-434 Rev A

**Count on it.**

# Parts Catalog

## Ultra Buggy® e2500

Model No. 68037—Serial No. 413000000 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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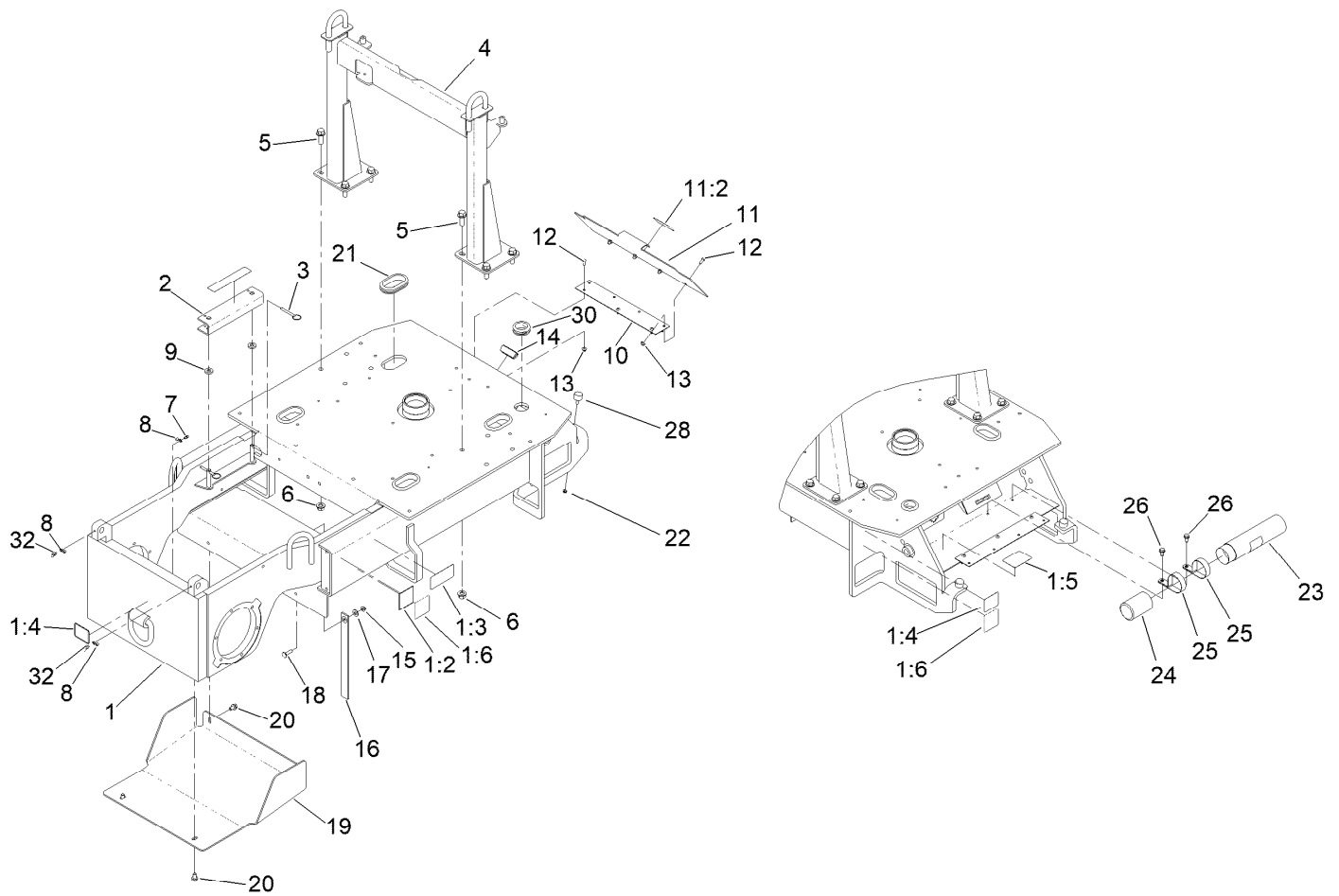
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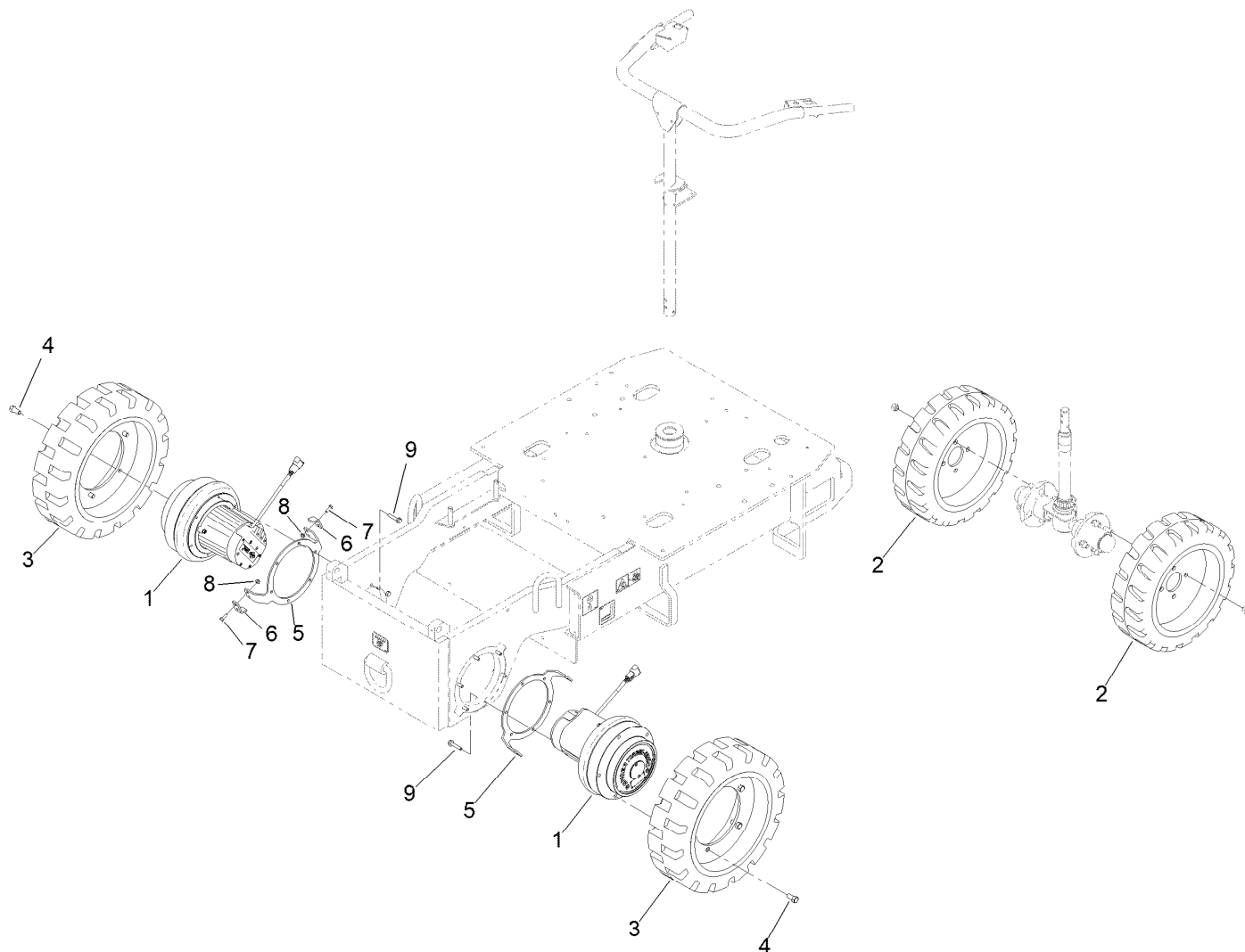
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## Frame Assembly

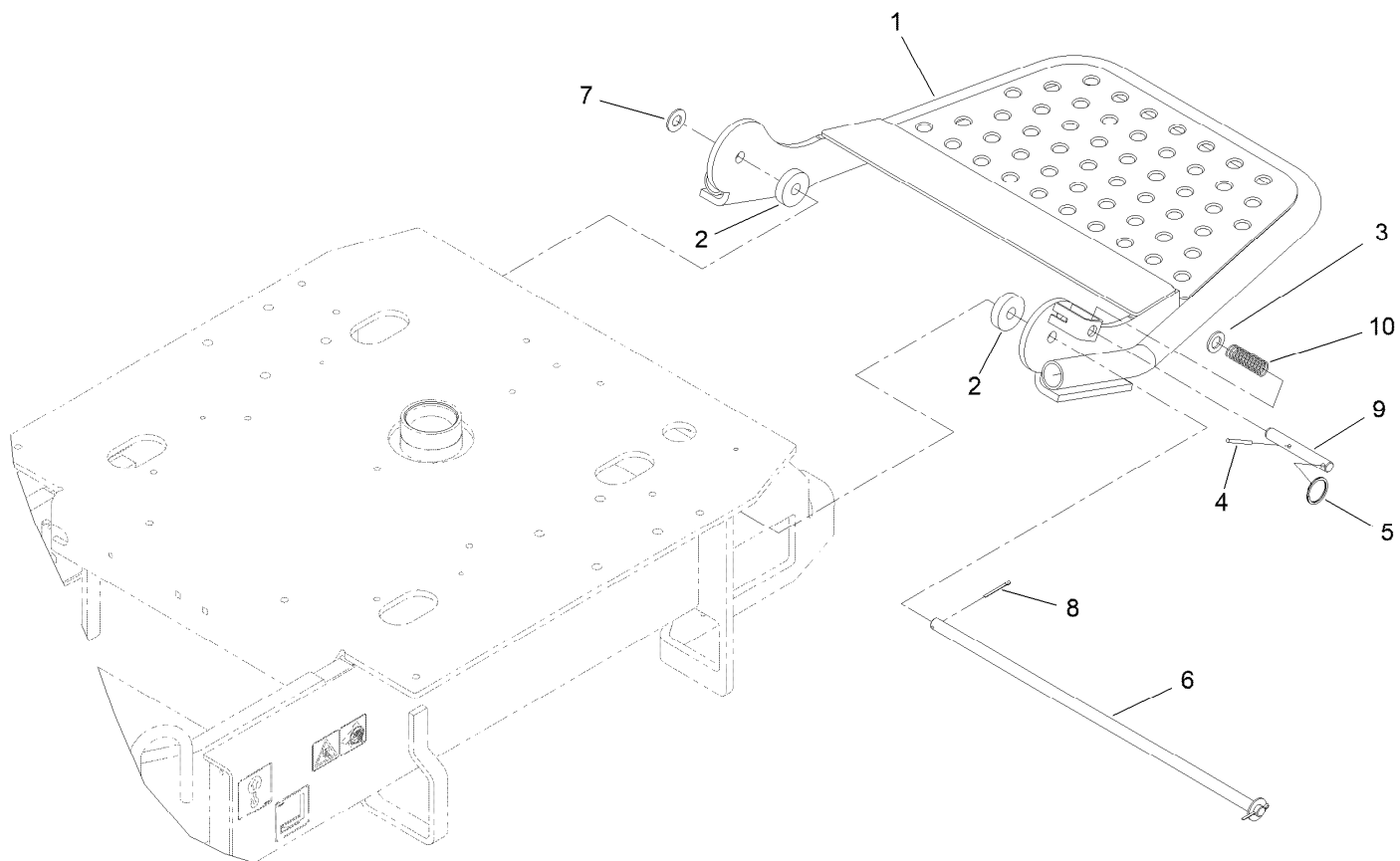
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 147-3218    | 1    | Frame ASM               |
| 1:2  | 125-4967    | 2    | Decal-Lift Here         |
| 1:3  | 125-4959    | 2    | Decal-Warning, Crushing |
| 1:4  | 125-6694    | 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-Lock                |
| 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              |
| 32   | 302-11      | 2    | Fitting-Lube, 45 DEG |



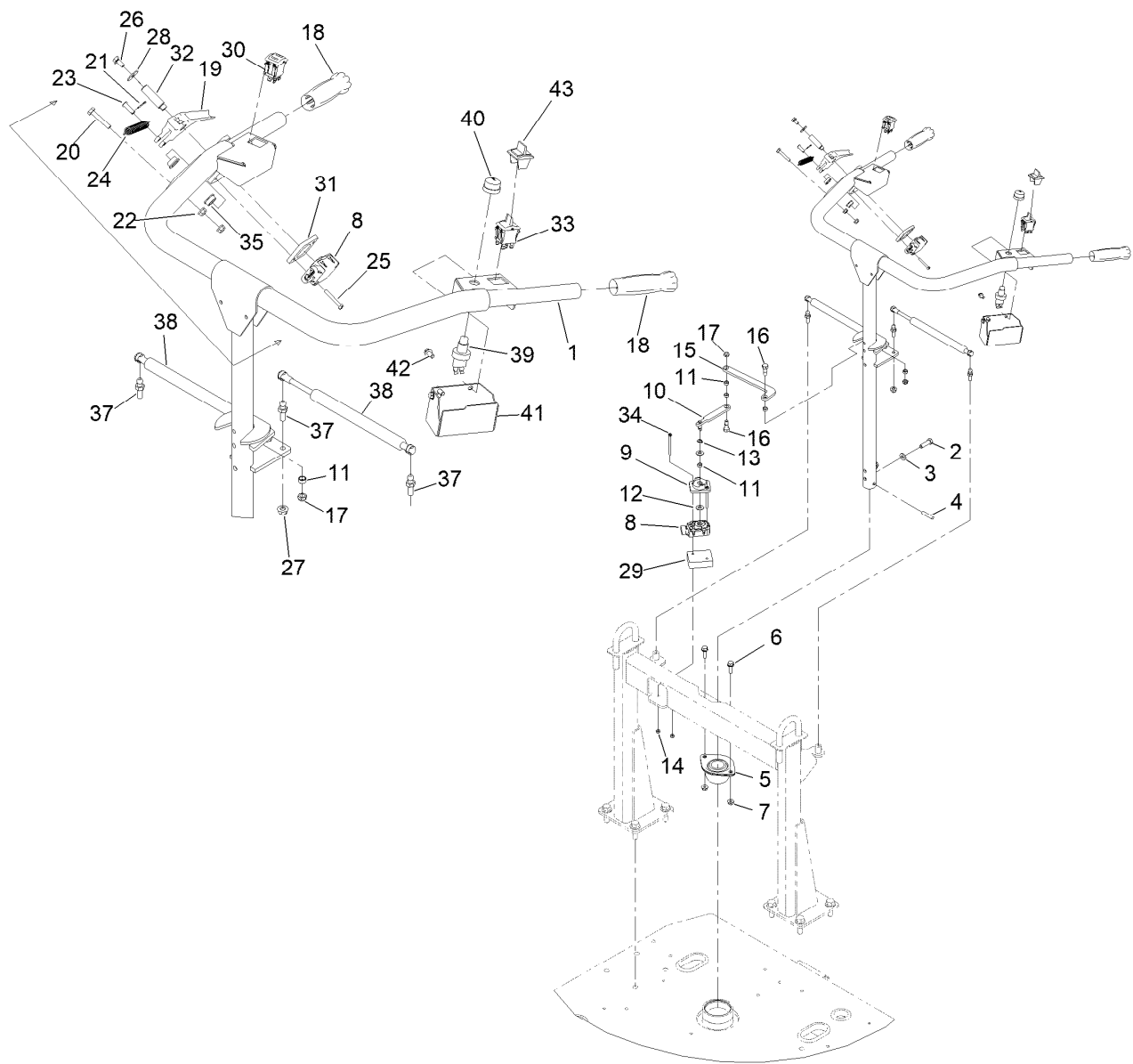
## Drivetrain and Wheel Assembly

| 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                               |



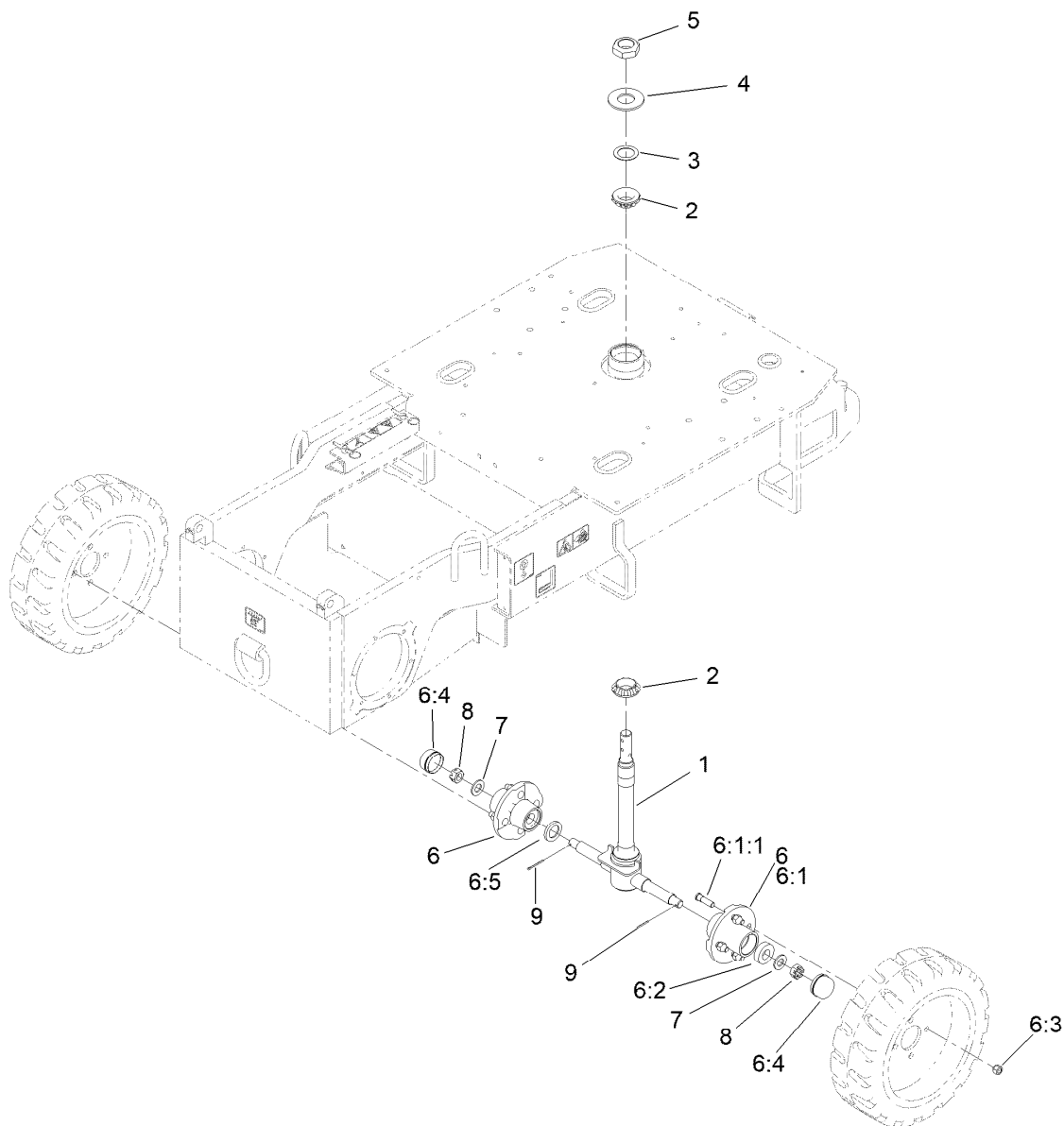
## Platform Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 144-1722-03 | 1    | Step-Platform-Welded |
| 2    | 144-1725    | 2    | Spacer               |
| 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   |



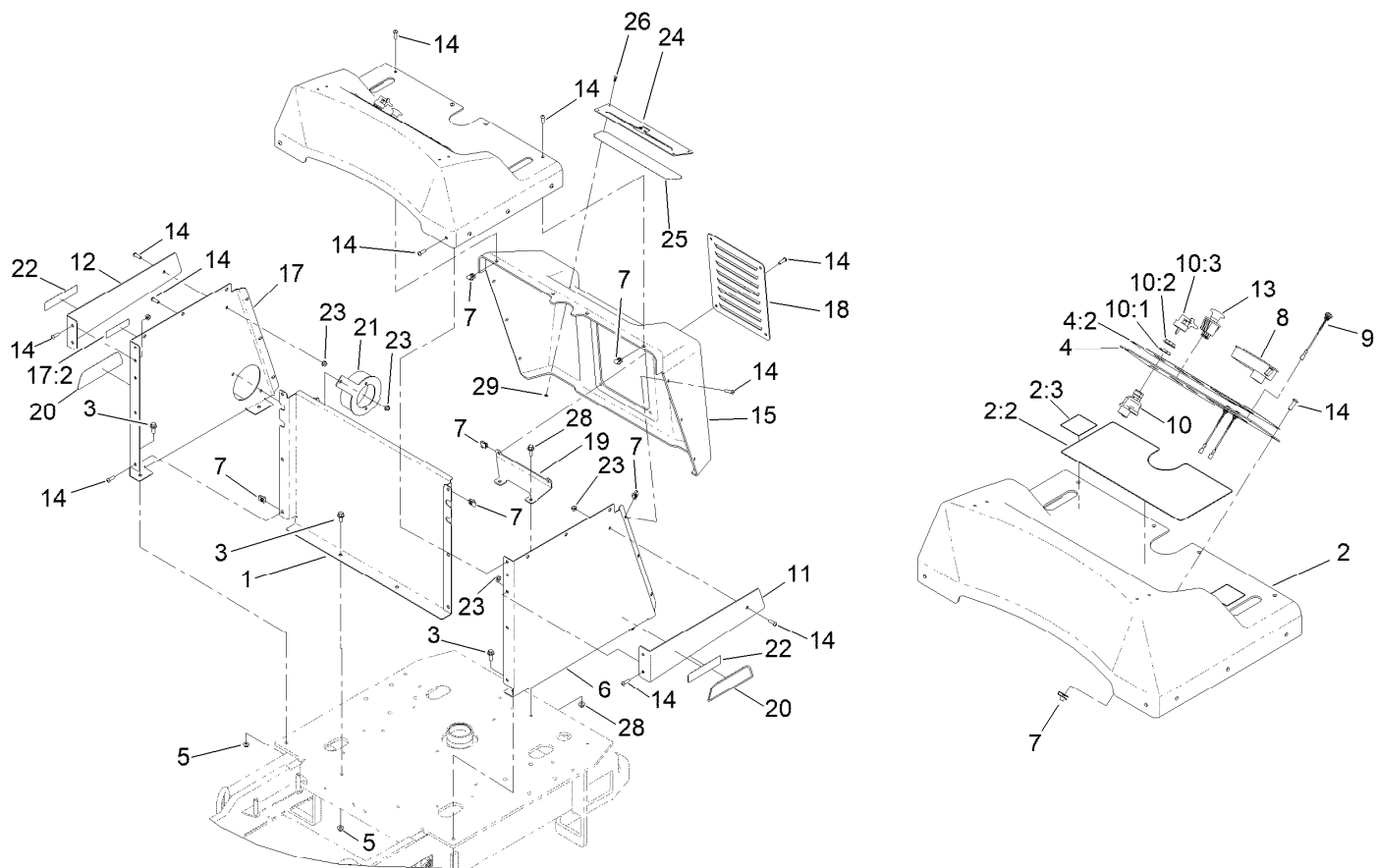
## Handle Assembly

| 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-HWH                    |
| 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             |

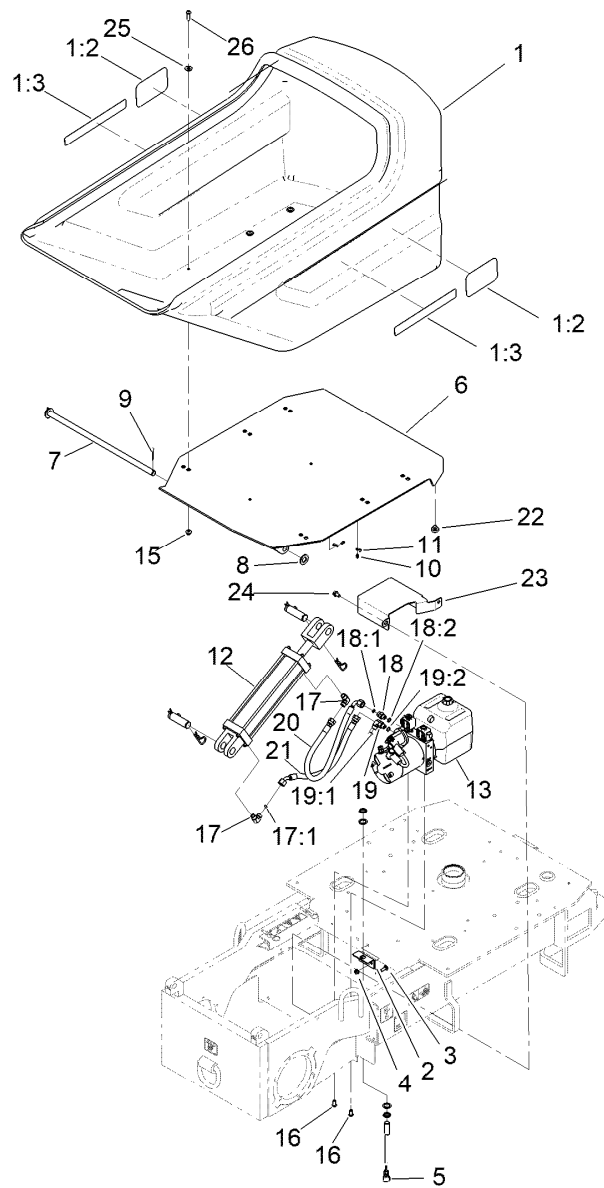


## Tower and Hood Assembly

| 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    | Switch-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               |

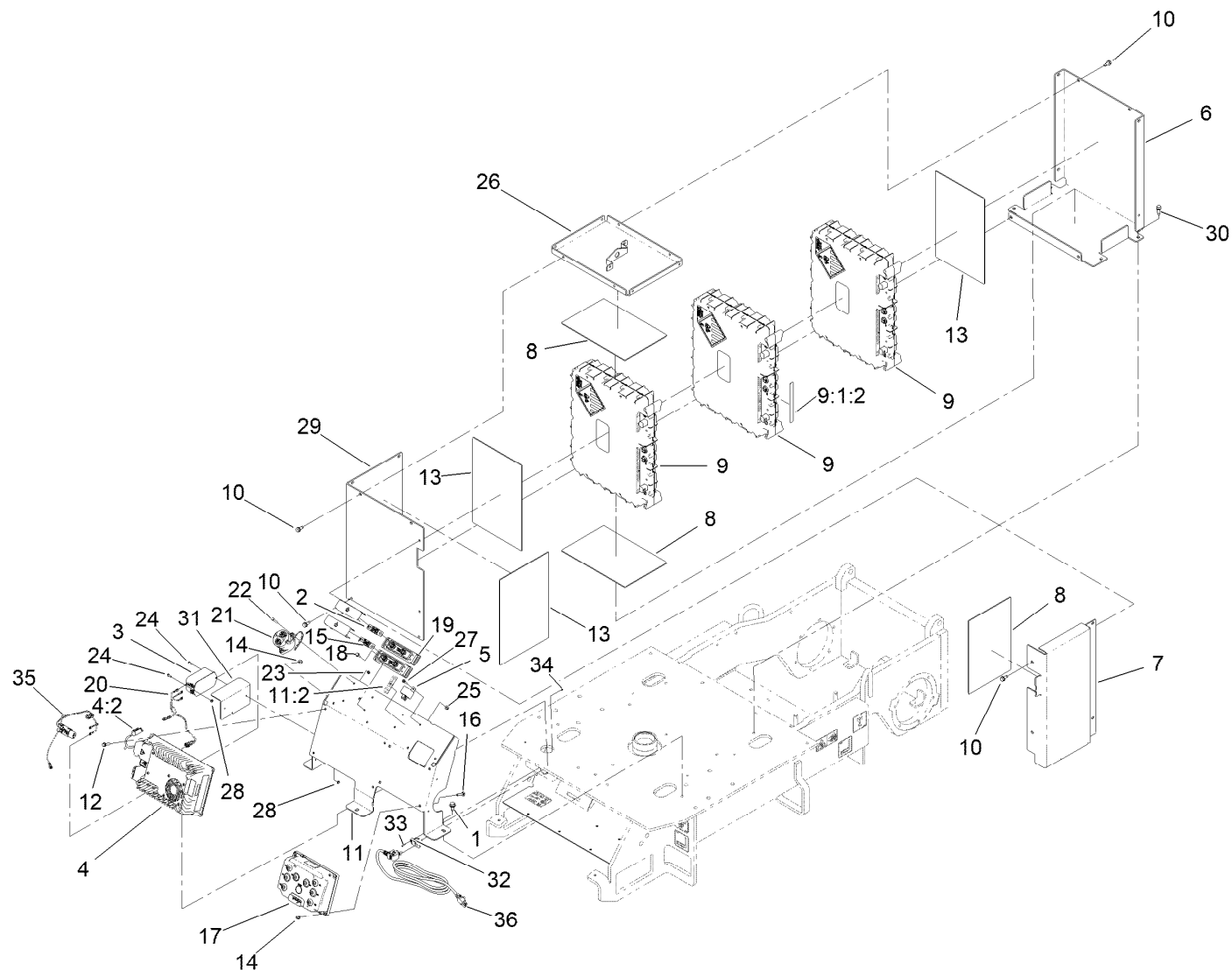
● Not illustrated



## 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<br>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            |

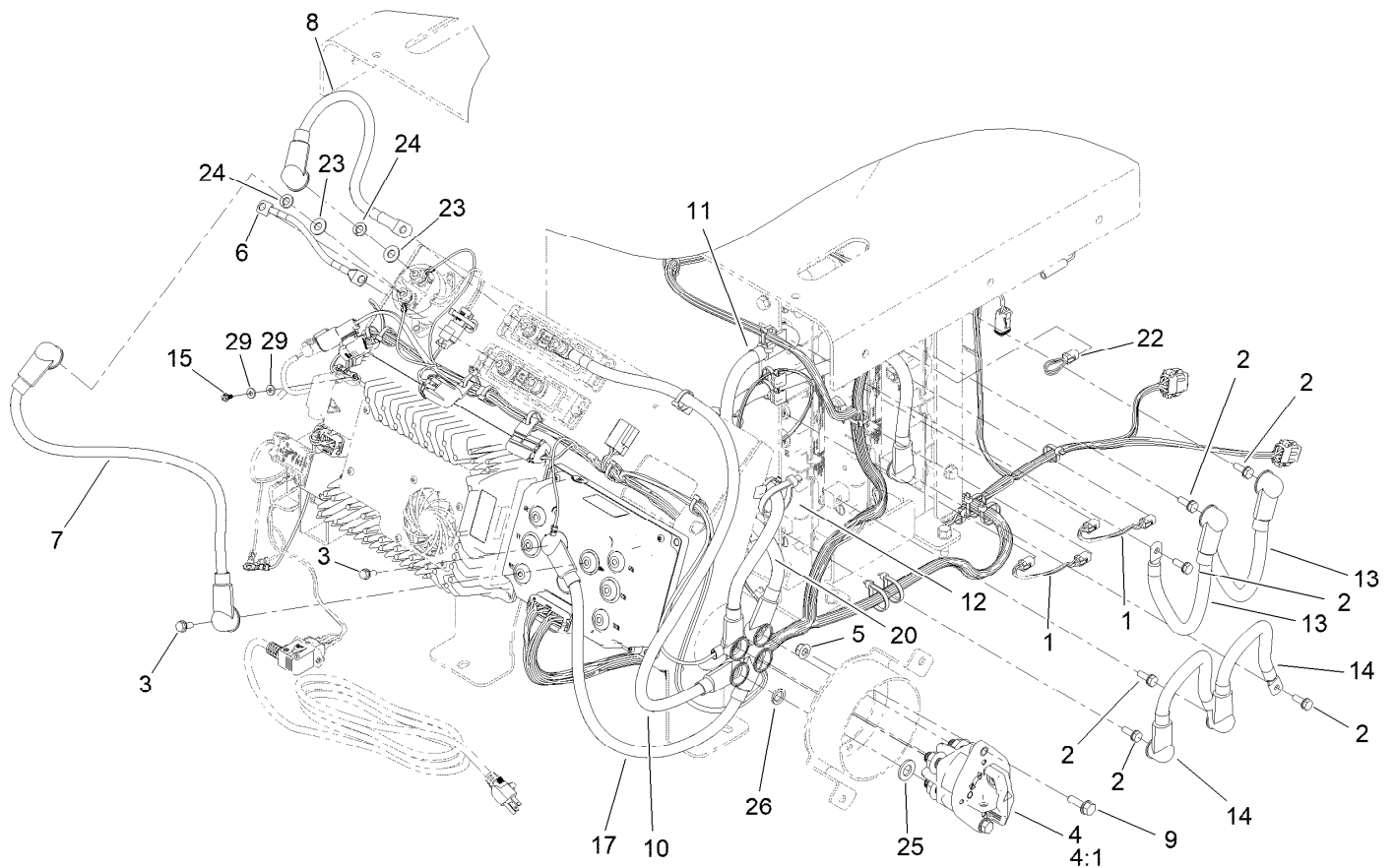


## Battery Assembly

| Ref.  | Part Number | Qty. | Description                 |
|-------|-------------|------|-----------------------------|
| 1     | 110-9380    | 3    | Screw-HWH                   |
| 2     | 122-2561    | 1    | Fuse-200A                   |
| 3     | 147-3225    | 1    | Filter                      |
| 4     | 145-1177    | 1    | Charger-Onboard             |
| 4:2   | 147-3234    | 1    | Kit-Service, DC Harness     |
| 5     | 122-2401    | 1    | Relay, 48V Coil, 50A At 48V |
| 6     | 145-4919-0P | 1    | Mount-Battery, Base         |
| 7     | 145-4995-0P | 1    | Cover-Battery, Side         |
| 8     | 145-4925    | 3    | Pad-Foam                    |
| 9     | 145-5320    | 3    | Battery ASM                 |
| 9:1:2 | 145-5338    | 1    | Decal-Warning, Battery      |
| 10    | 32144-11    | 13   | Screw-HWH                   |
| 11    | 147-3223    | 1    | Bracket-Electrical          |
| 11:2  | 145-1173    | 1    | Decal-Fuse                  |
| 12    | 119-1066    | 4    | Screw-HF                    |
| 13    | 145-4926    | 3    | Pad-Foam                    |
| 14    | 119-4040    | 8    | Nut-HF, NI                  |
| 15    | 122-2627    | 1    | Fuse-70A                    |
| 16    | 3229-3      | 4    | Screw-CARR                  |
| 17    | 138-8984    | 1    | Inv/Ctrlr-48V,Dual 94Arms   |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 18   | 32144-4     | 4    | Screw-HWH                |
| 19   | 145-4958    | 2    | Holder-Fuse              |
| 20   | 122-2745    | 1    | Harness-Wire, AC Charger |
| 21   | 122-2594    | 1    | Contacto-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           |
| 32   | 147-3230    | 1    | Connector-lec            |
| 33   | 360-0224    | 2    | Screw                    |
| 34   | 3296-52     | 2    | Nut-Lock, NI             |
| 35   | 122-2744    | 1    | Harness-Wire, AC Charger |
| 36   | 137-7983    | 1    | Cord-AC, 120V            |





## 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      |

**Notes:**



**Count on it.**