

56383233 BURNISHER ANTI-VIBRATION KIT

Advolution 20B, 20BT Models: ALL
 Fusion 20, 20T Models: ALL
 UHB51-1500 Models: ALL
 Advolution 24B, 24BT Models: ALL

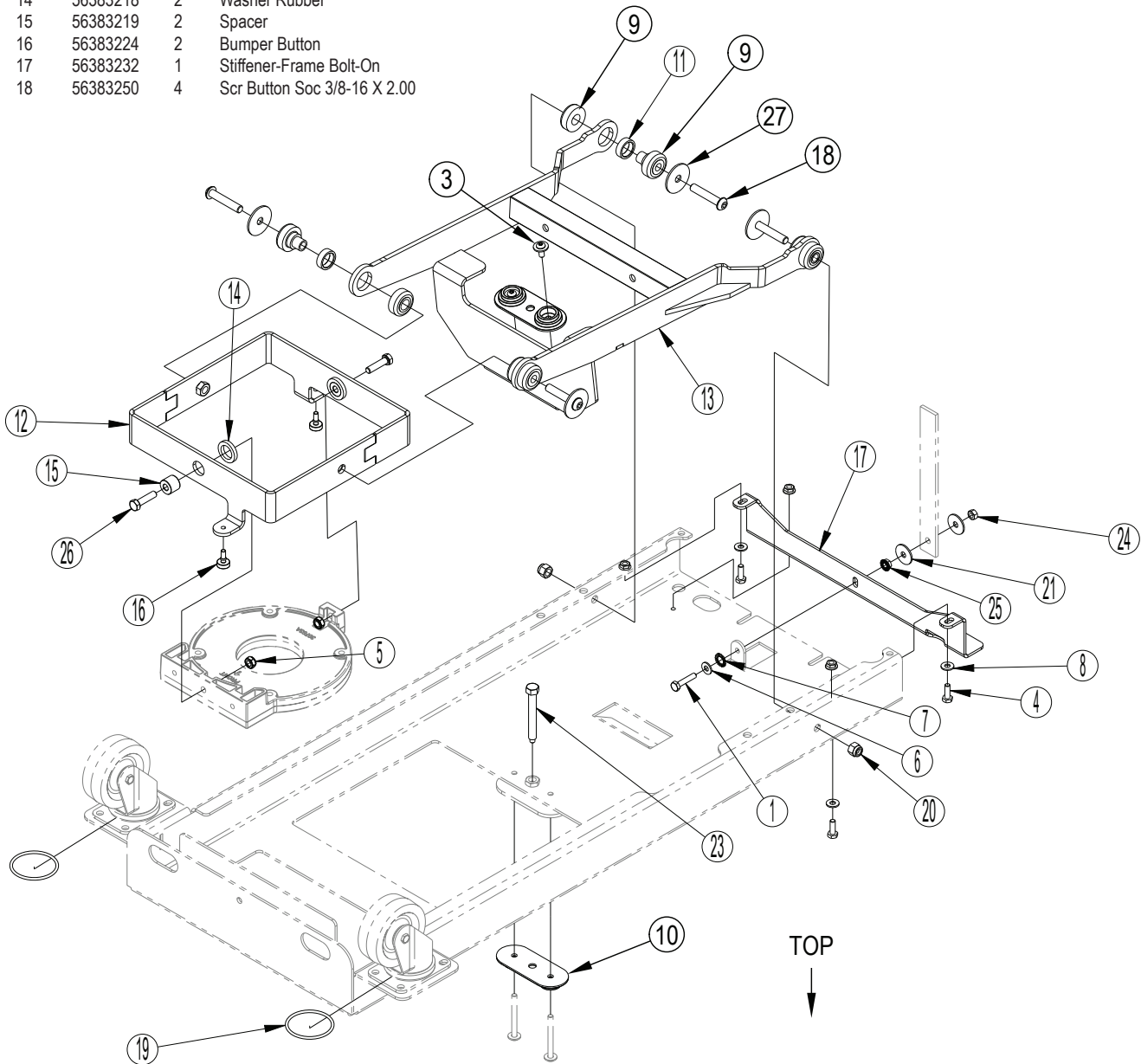
CONTENTS OF KIT

Item	Ref. No.	Qty	Description
[]	56090160	1	Instruction Sheet
1	56001878	1	Scr-Hex 1/4-20 X 1.25
2#			DELETED
3#	56109766	2	Screw Button Head 1/4-20 X .63
4	56002155	4	Scr-Hex 1/4-20 X .75
5	56002826	2	Nut, Hex Nyl Loc-Thin 5/16-18
6	56002859	1	Wsh-Fit Sae Ss 1/4
7	56003859	1	Wsh-Serrated Ext Ss M10
8	56009064	4	Wsh, Int Shprf 1/4
9	56383251	4	Mount Vibration Damping
10	56383203	2	Seat Soft Spring
11	56383205	4	Spacer Steel
12	56383206	1	Motor Mount Weldment
13	56383212	1	Head Lift Weldment 20/24
14	56383218	2	Washer Rubber
15	56383219	2	Spacer
16	56383224	2	Bumper Button
17	56383232	1	Stiffener-Frame Bolt-On
18	56383250	4	Scr Button Soc 3/8-16 X 2.00

Item	Ref. No.	Qty	Description
19	56900038	2	O-Ring
20	920342	2	Nut Esna 3/8-16
21	980205	2	Washer, .31 I.D. X 1.06 O.D.
22#			DELETED
23	56382846	1	Screw Head Pressure Adj
24	81104A	1	Nut, 1/4" Nylock
25	81220A	5	Nut, Serrated Flange
26	85814A	2	Screw 5/16-18 X 1 1/4 Hh
27	56383253	4	Washer Snubbing

[] = Not Shown

= Revised or new since last update



DISASSEMBLY INSTRUCTIONS

WARNING!

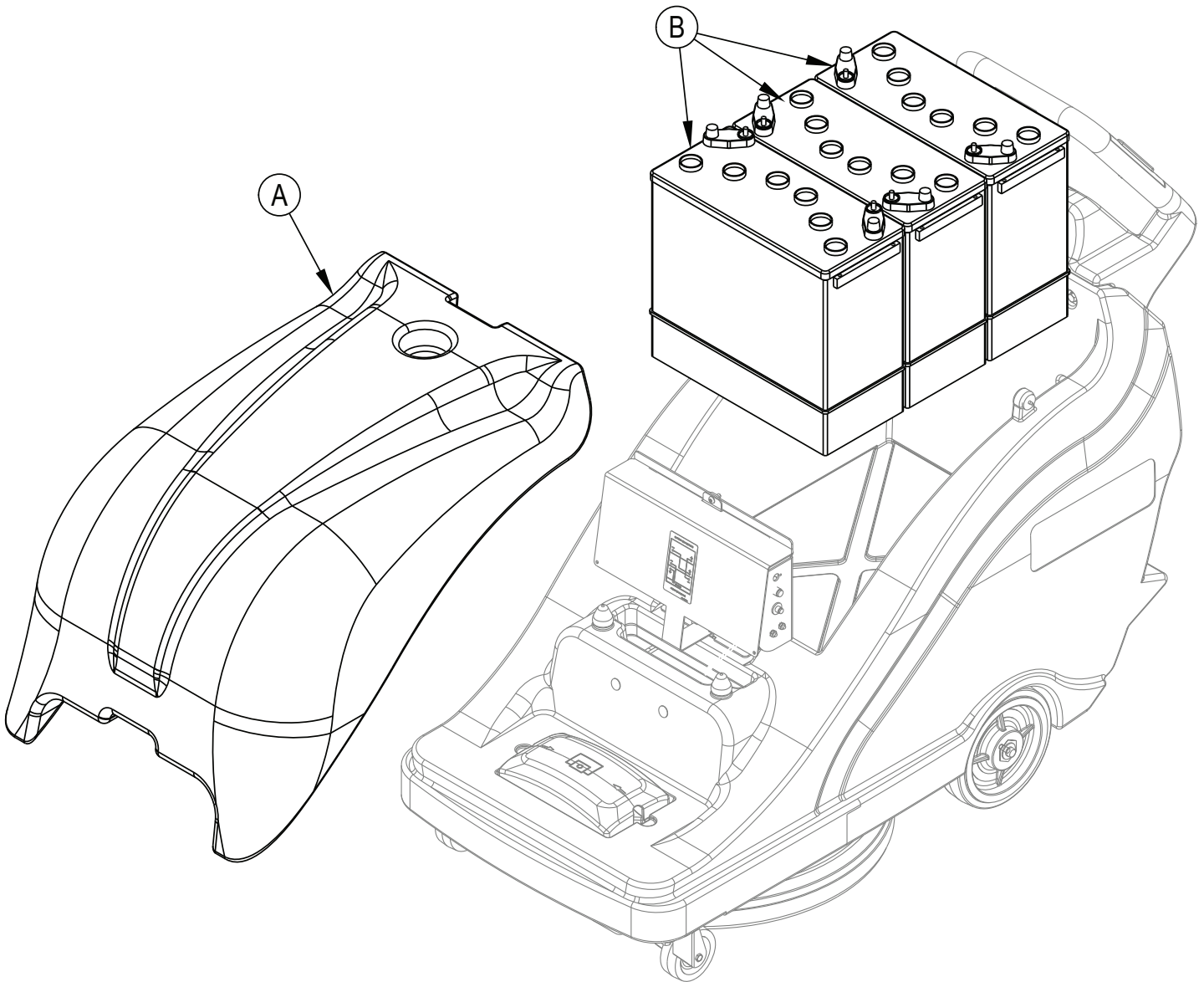
DISCONNECT BATTERIES BEFORE SERVICING.

REMOVE TOP COVER AND BATTERIES

- 1 See Disassembly Figure 1. Remove the Top Cover (A). Disconnect and remove the Batteries (B).

NOTE: The batteries are very heavy. Use two people to lift each battery from the machine.

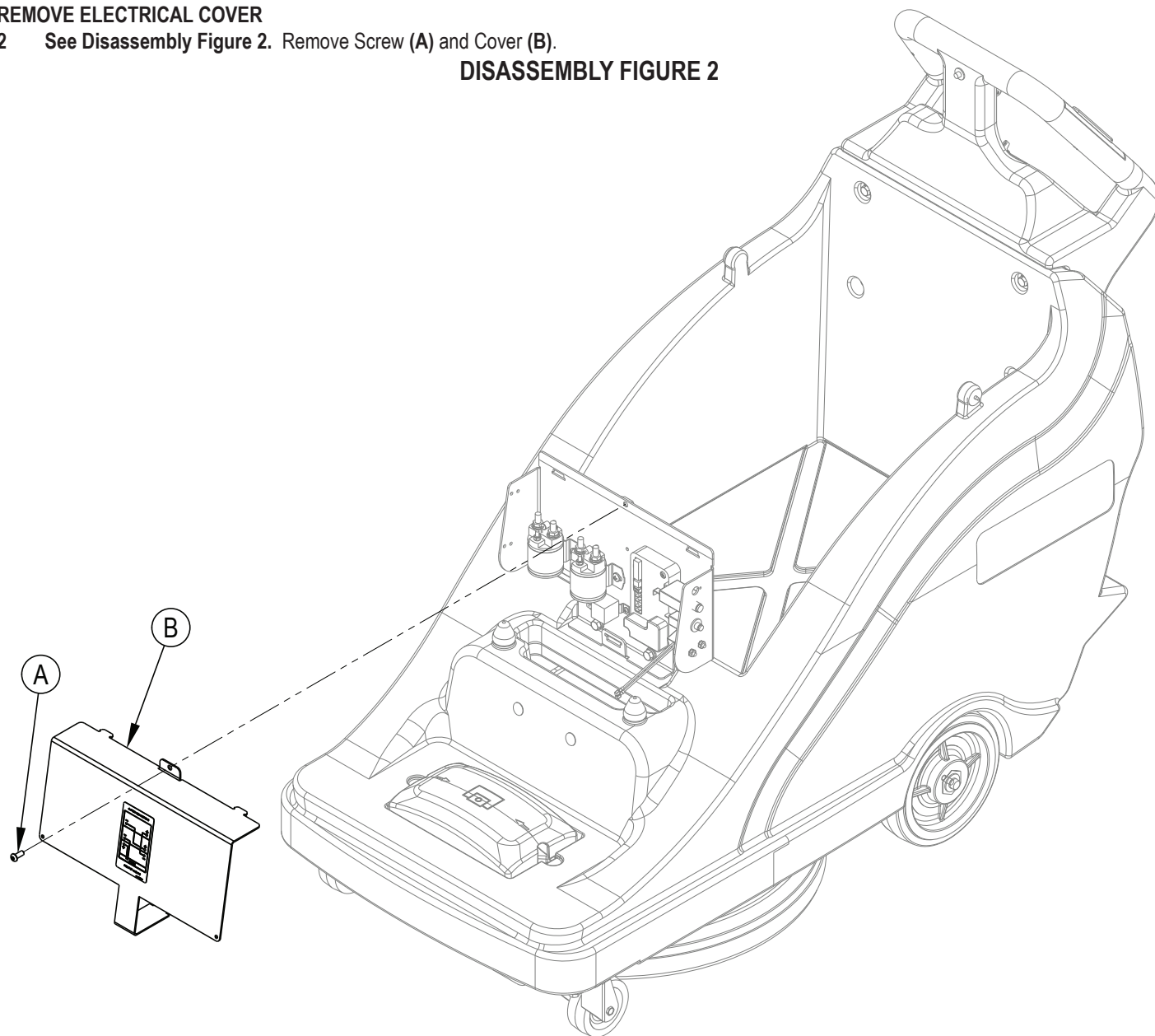
DISASSEMBLY FIGURE 1



REMOVE ELECTRICAL COVER

2 See Disassembly Figure 2. Remove Screw (A) and Cover (B).

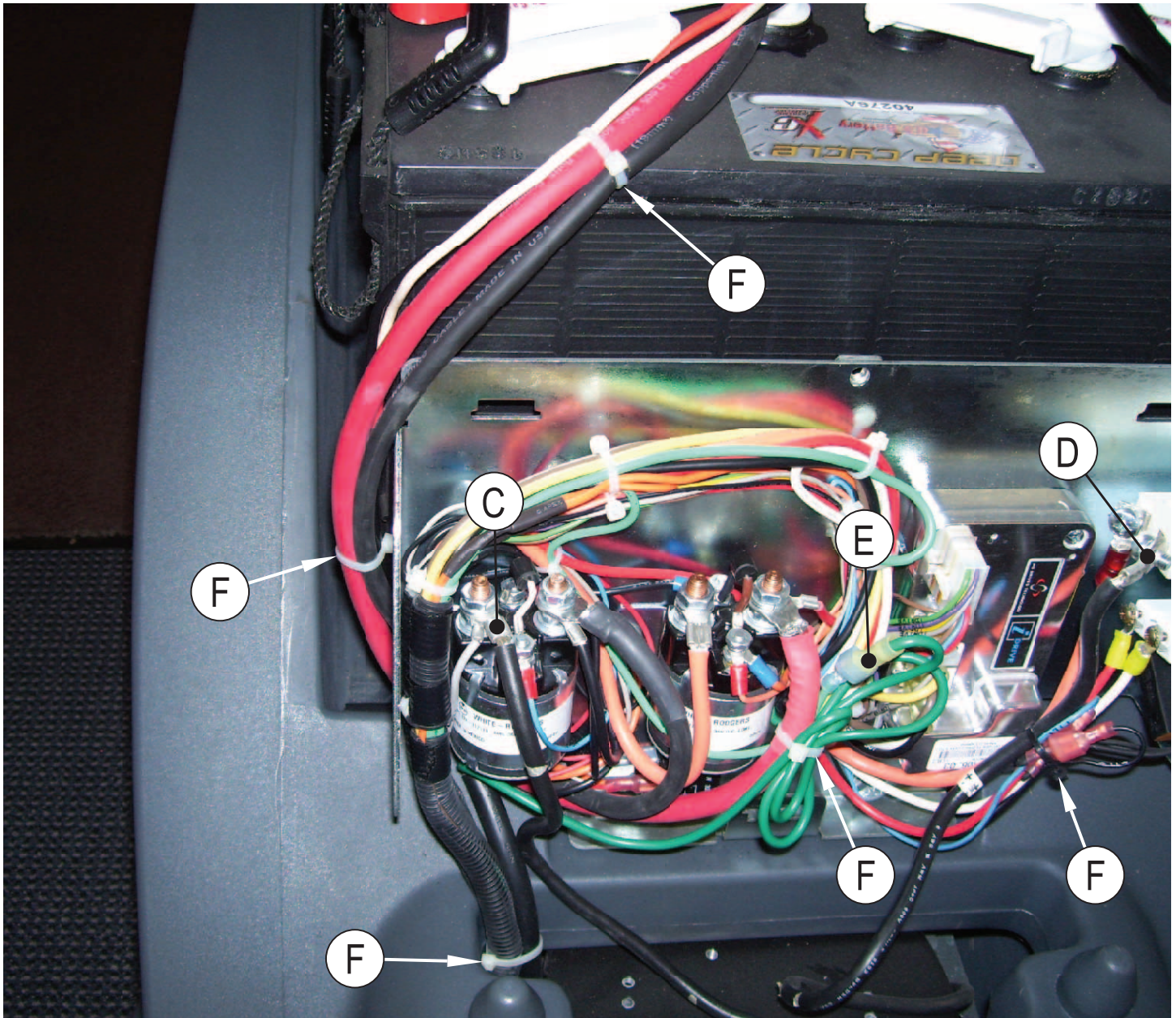
DISASSEMBLY FIGURE 2



DISCONNECT ELECTRICAL BOX WIRING

- 3 See Disassembly Figure 3. Disconnect the two black Wires (C & D) and the green Wire (E).
- 4 Cut all Wire Ties (F) holding the wires.

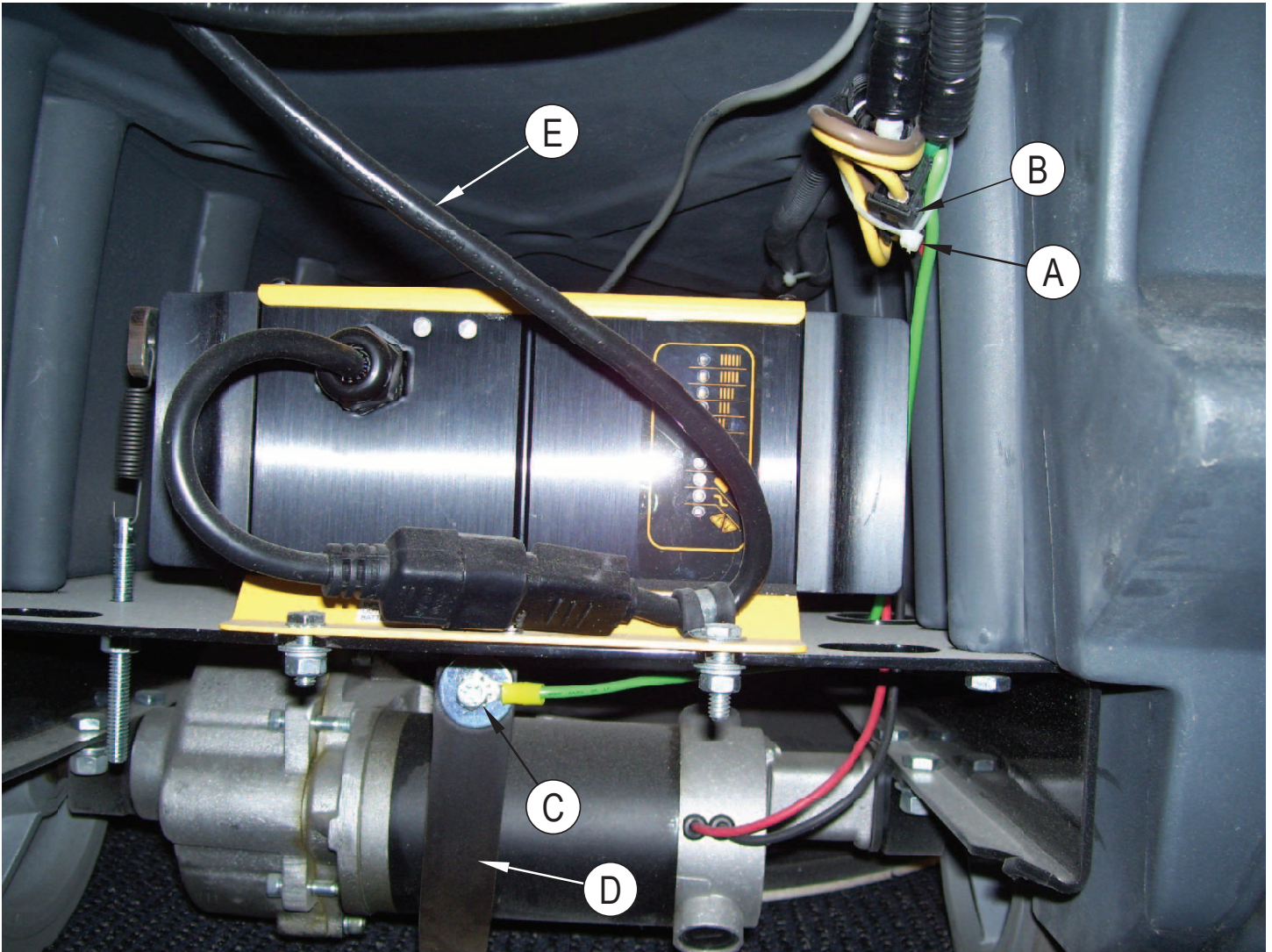
DISASSEMBLY FIGURE 3



DISCONNECT TRANSAXLE WIRING (DRIVE MODELS)

- 5 **See Disassembly Figure 4.** Cut Wire Tie (A) and disconnect the Transaxle Wiring Connector (B). Pull the transaxle wiring back down through the hole in the chassis.
- 6 Disconnect Ground Wire (C) and pull it up through the hole in the chassis. **NOTE:** Save the Static Strap (D) for reuse.
- 7 Unwrap the Battery Charger Cord (E) from the back panel.

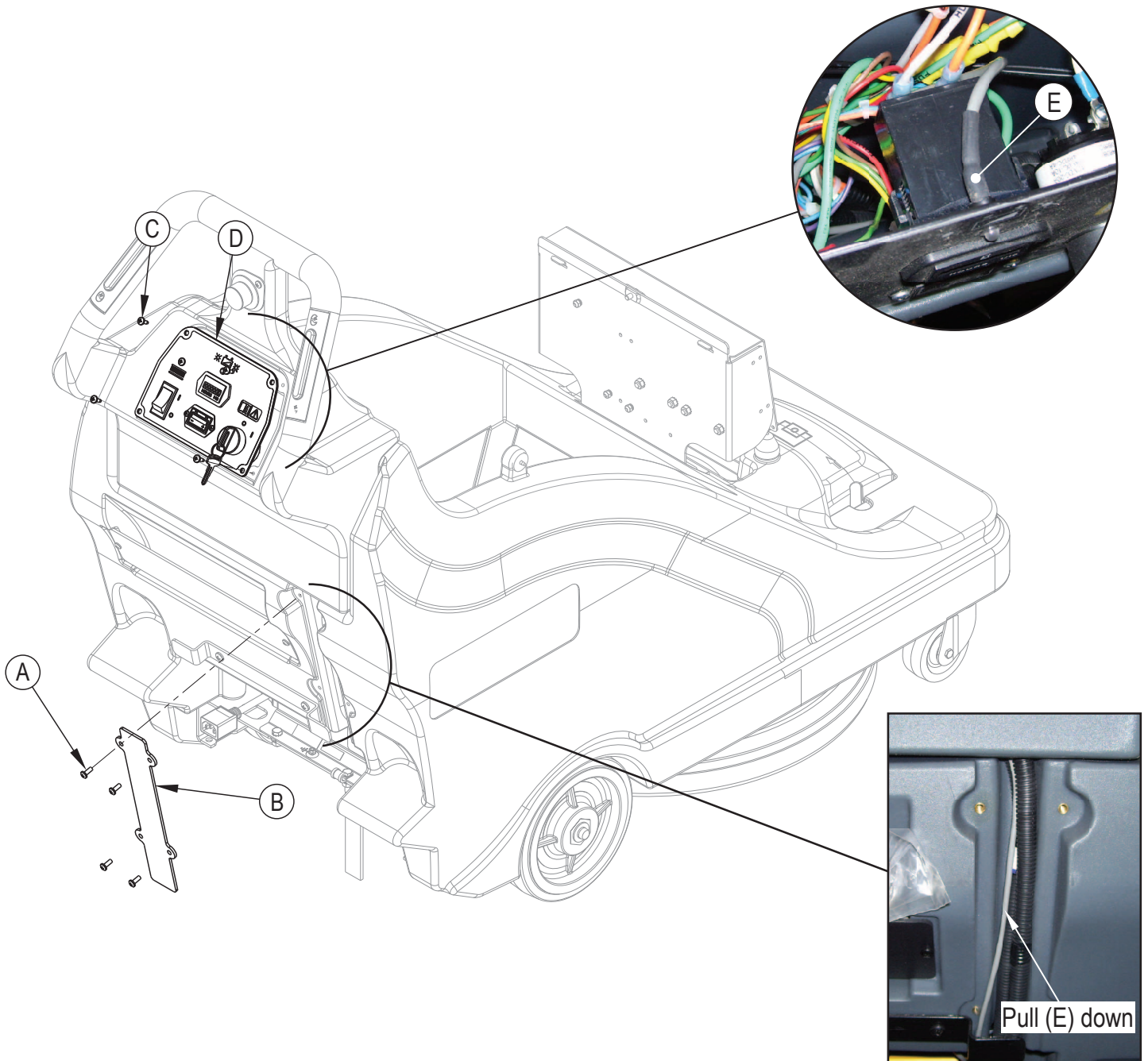
DISASSEMBLY FIGURE 4



REMOVE BATTERY CHARGER INDICATOR LIGHT

- 8 See Disassembly Figure 5. Remove Screws (A) and Panel (B).
- 9 Remove Screws (C) and pull the Control Panel (D) away from the housing.
- 10 Remove the Battery Charger Indicator (E) from the Control Panel and pull it back down through the channel on the rear of the machine. **NOTE:** Save the retainer clip for reinstallation.

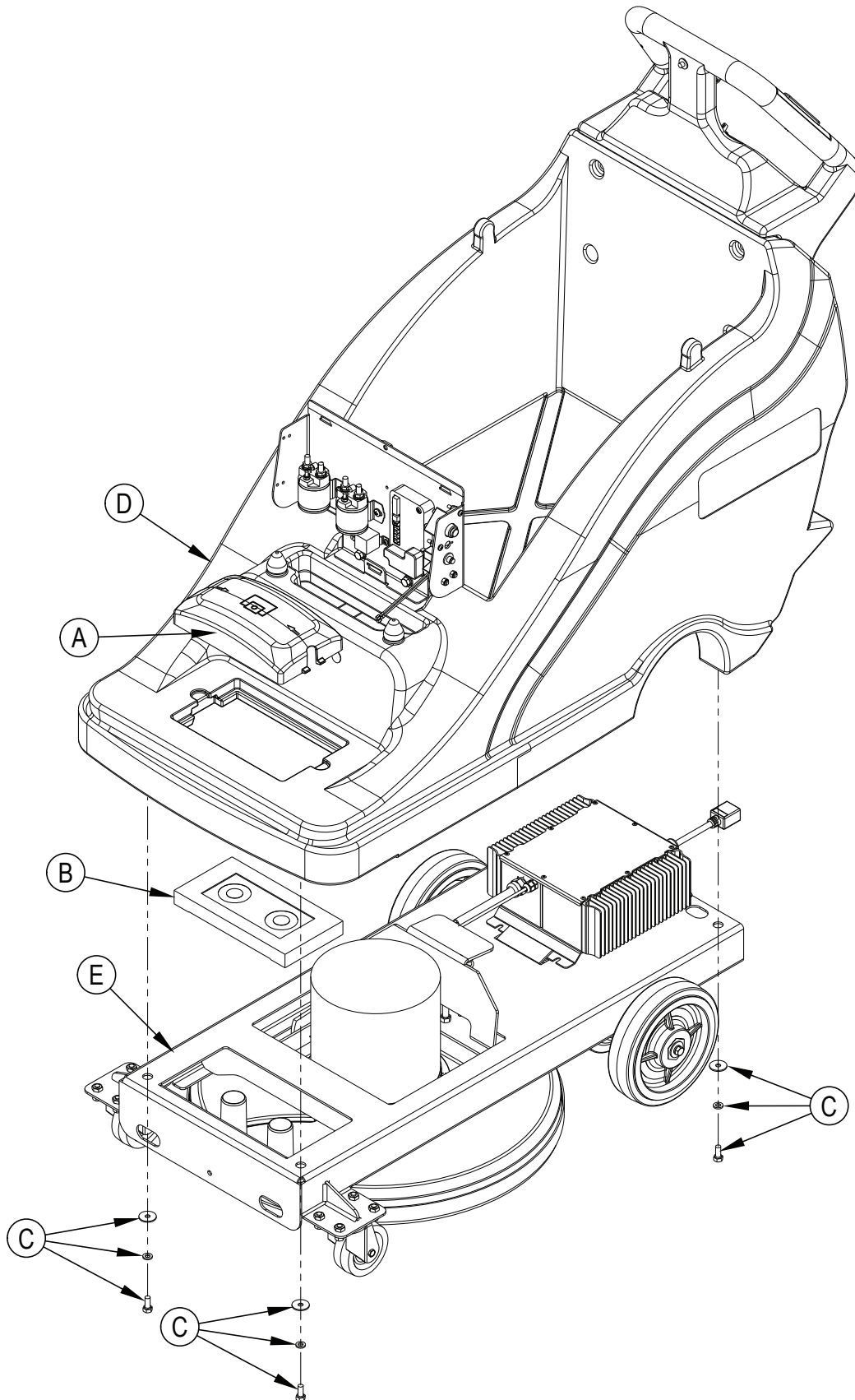
DISASSEMBLY FIGURE 5



REMOVE BODY FROM CHASSIS

- 11 See Disassembly Figure 6. Remove the Dust Bag Cover (A) and then remove the Dust Bag (B).
- 12 Remove the four sets of Hardware (C) and carefully lift the Body Assembly (D) up and off the Chassis Assembly (E).

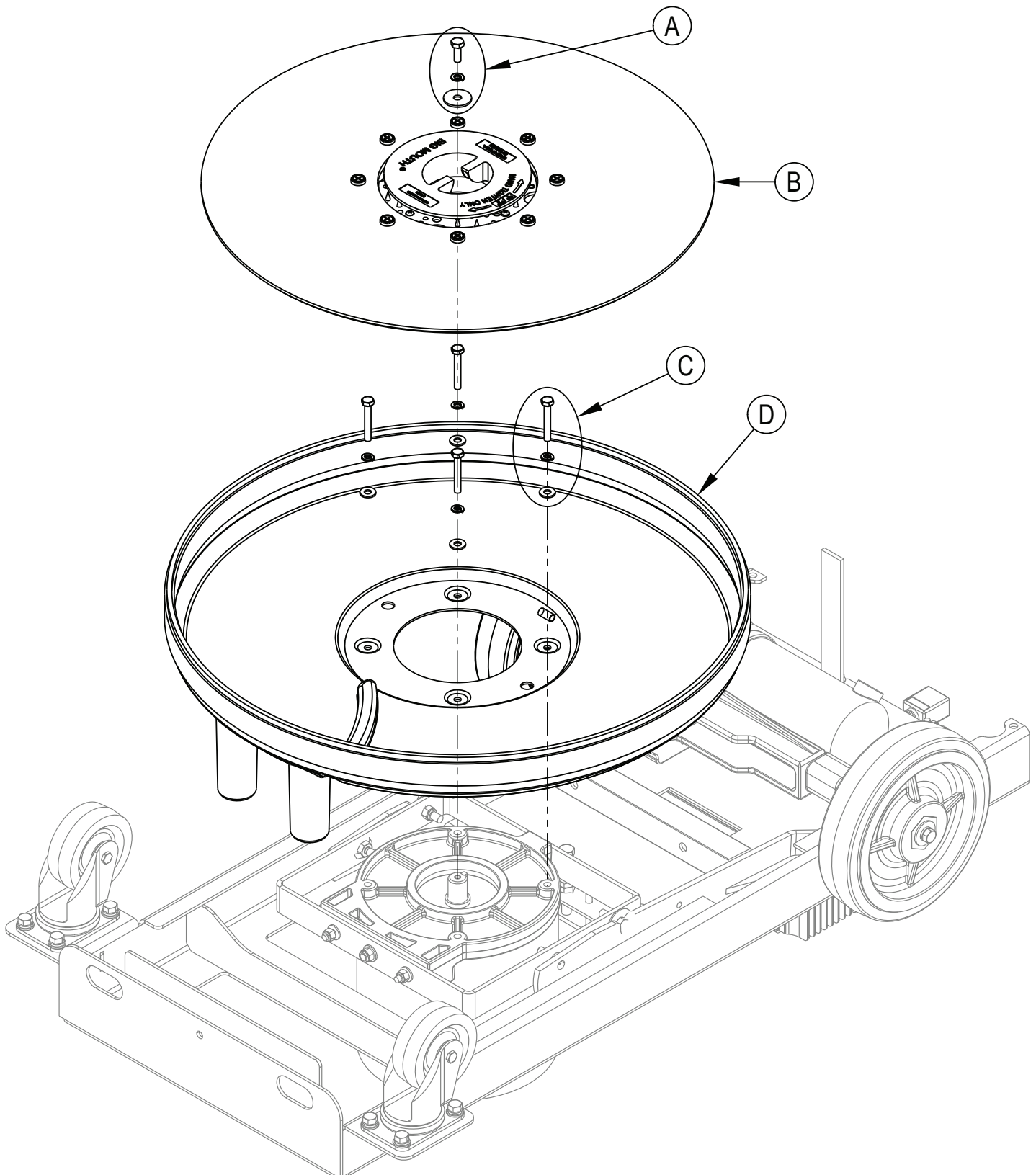
DISASSEMBLY FIGURE 6



REMOVE PAD DRIVER AND DUST SHROUD

- 13 See Disassembly Figure 7. Flip the chassis assembly over and lay it on its top as shown.
- 14 Remove Hardware (A) and Pad Driver (B)
- 15 Remove the four Screws and Washers (C) and Dust Shroud (D).

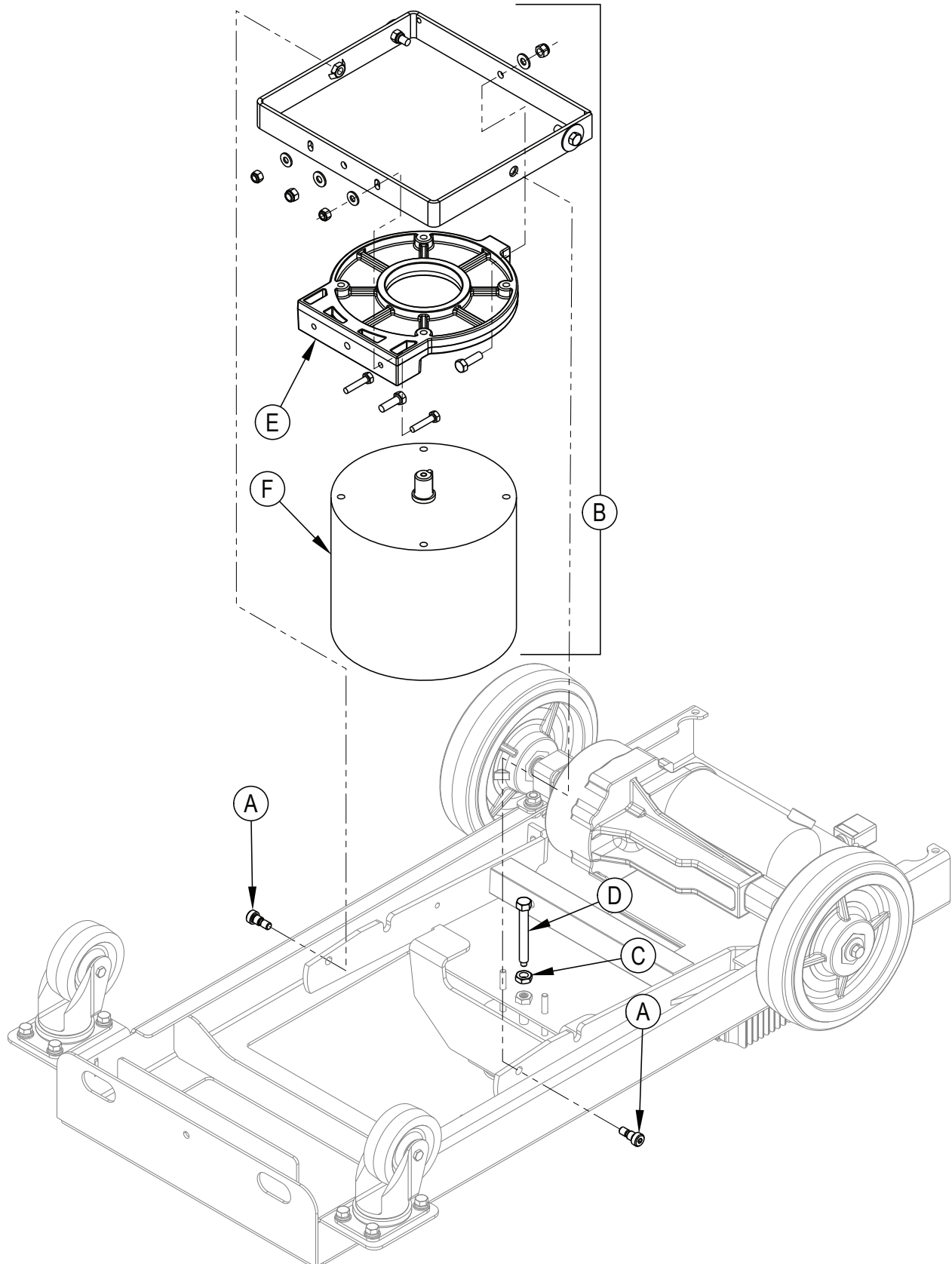
DISASSEMBLY FIGURE 7



REMOVE AND DISASSEMBLE HEAD ASSEMBLY

- 16 See **Disassembly Figure 8**. Remove the two Screws (A) and remove the Head Assembly (B).
- 17 Loosen Jam Nut (C) and then remove Screw (D) and Jam Nut (C). **NOTE:** Save Jam Nut (C) for reuse.
- 18 Disassemble the Head Assembly (B) as shown. Save the Motor Mount (E) and the Motor (F) for reuse. **NOTE:** Be careful to not lose the motor shaft key and spacer ring.

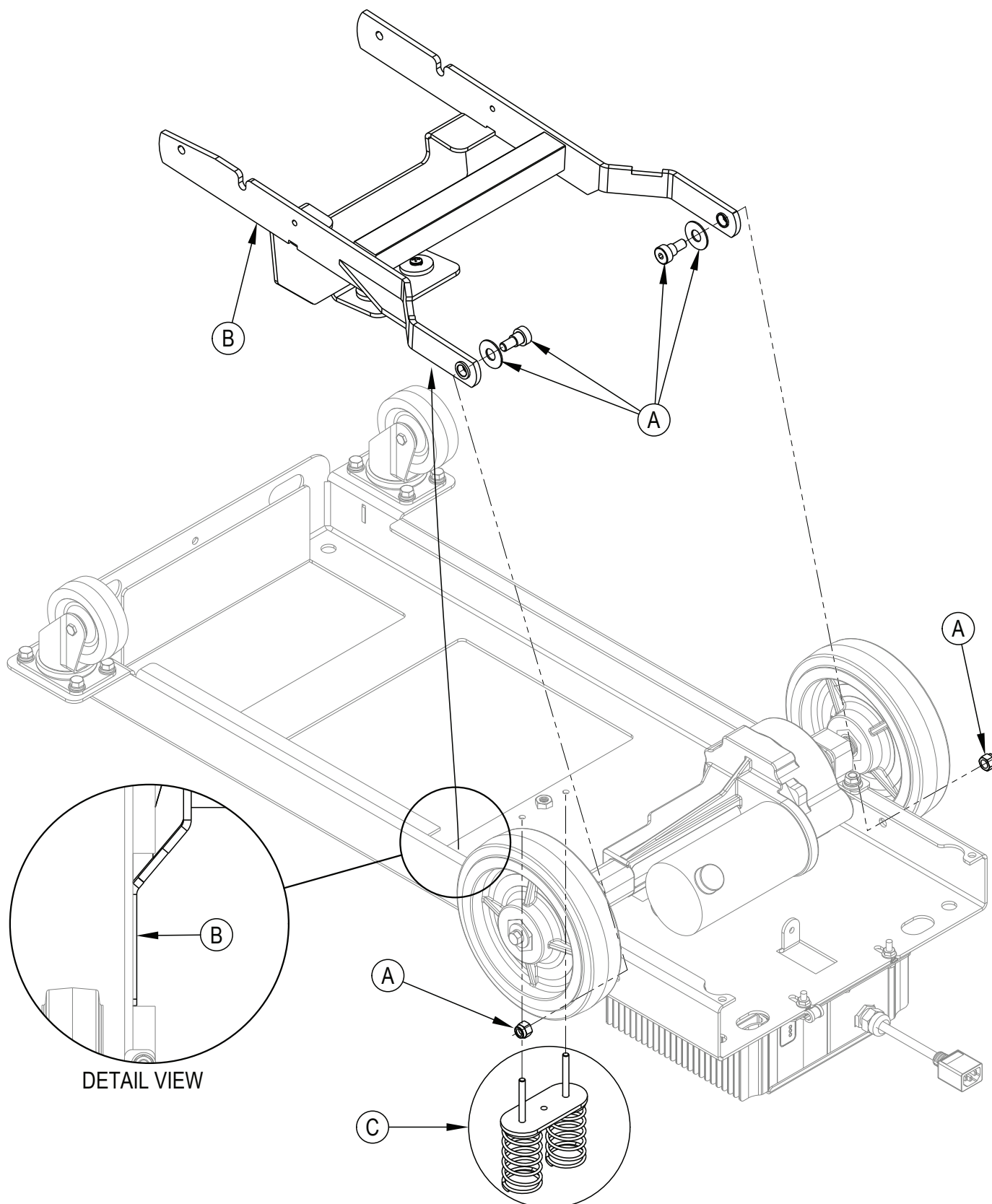
DISASSEMBLY FIGURE 8



REMOVE HEAD ASSY LINKAGE

- 19 See Disassembly Figure 9. Remove Screws, Washers and Nuts (A).
- 20 Slide Linkage Arm (B) forward until it is in alignment with the cutout in the bottom of the chassis as shown in the detail view.
- 21 Lift up on this side of Linkage Arm (B) to "tip" it up and out of the chassis.
- 22 Items (C) can all be removed. **NOTE:** Save the springs, the two screws and the spring base plate for reuse.

DISASSEMBLY FIGURE 9

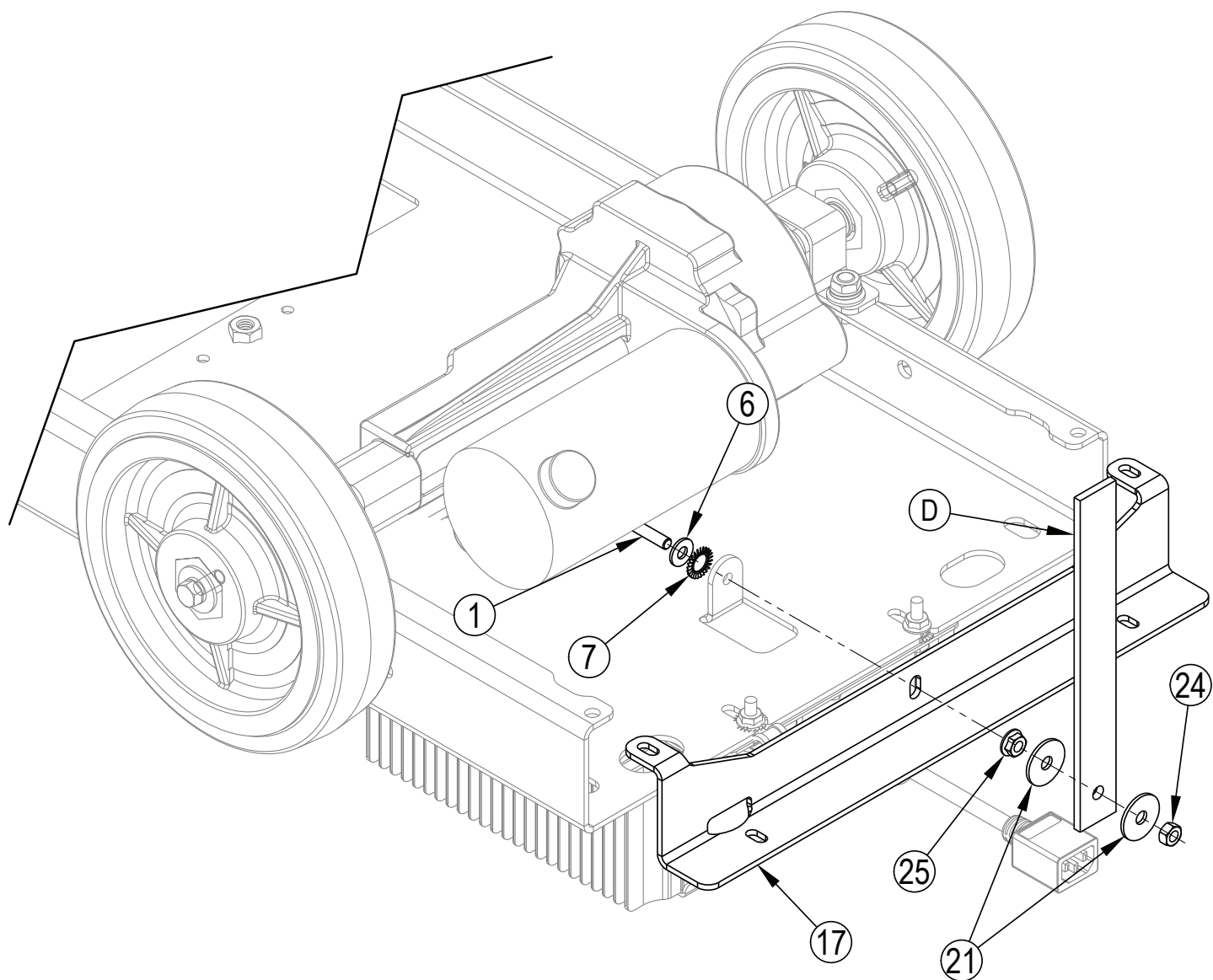


INSTALLATION INSTRUCTIONS

INSTALL FRAME STIFFENER

- 1 See Assembly Figure 1. Bolt the Frame Stiffener (17) in place as shown using hardware Items (1, 6, 7, 21, 24, 25). Reinstall the Static Strap (D) removed in Disassembly Figure 4. **NOTE:** The two bolts at the rear of the battery charger must be removed prior to sliding the Frame Stiffener (17) in place and then reinstalled after.

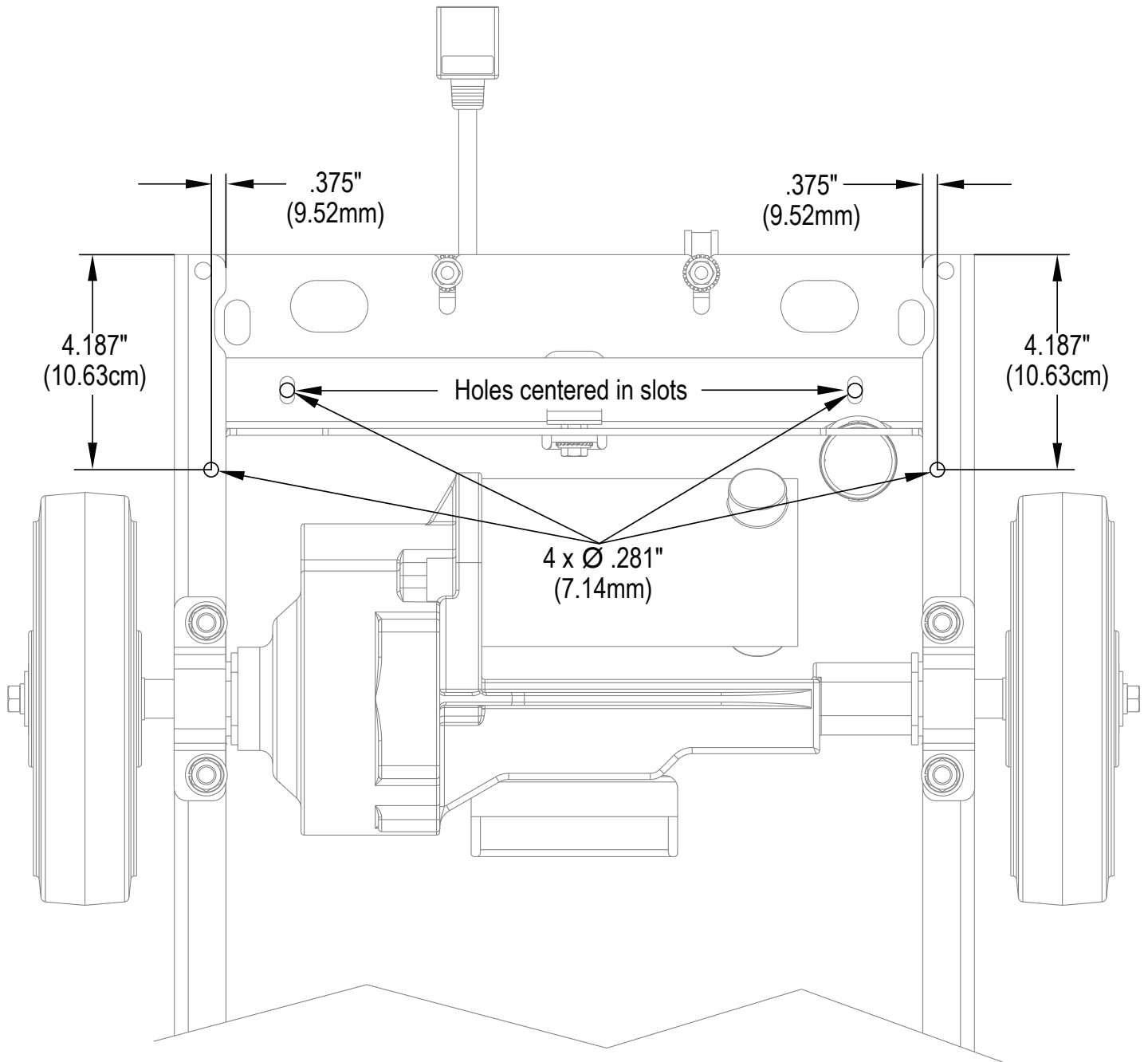
ASSEMBLY FIGURE 1



DRILL MOUNTING HOLES FOR FRAME STIFFENER

2 See Assembly Figure 2. Drill four .281" (7.14mm) diameter holes in the locations shown.

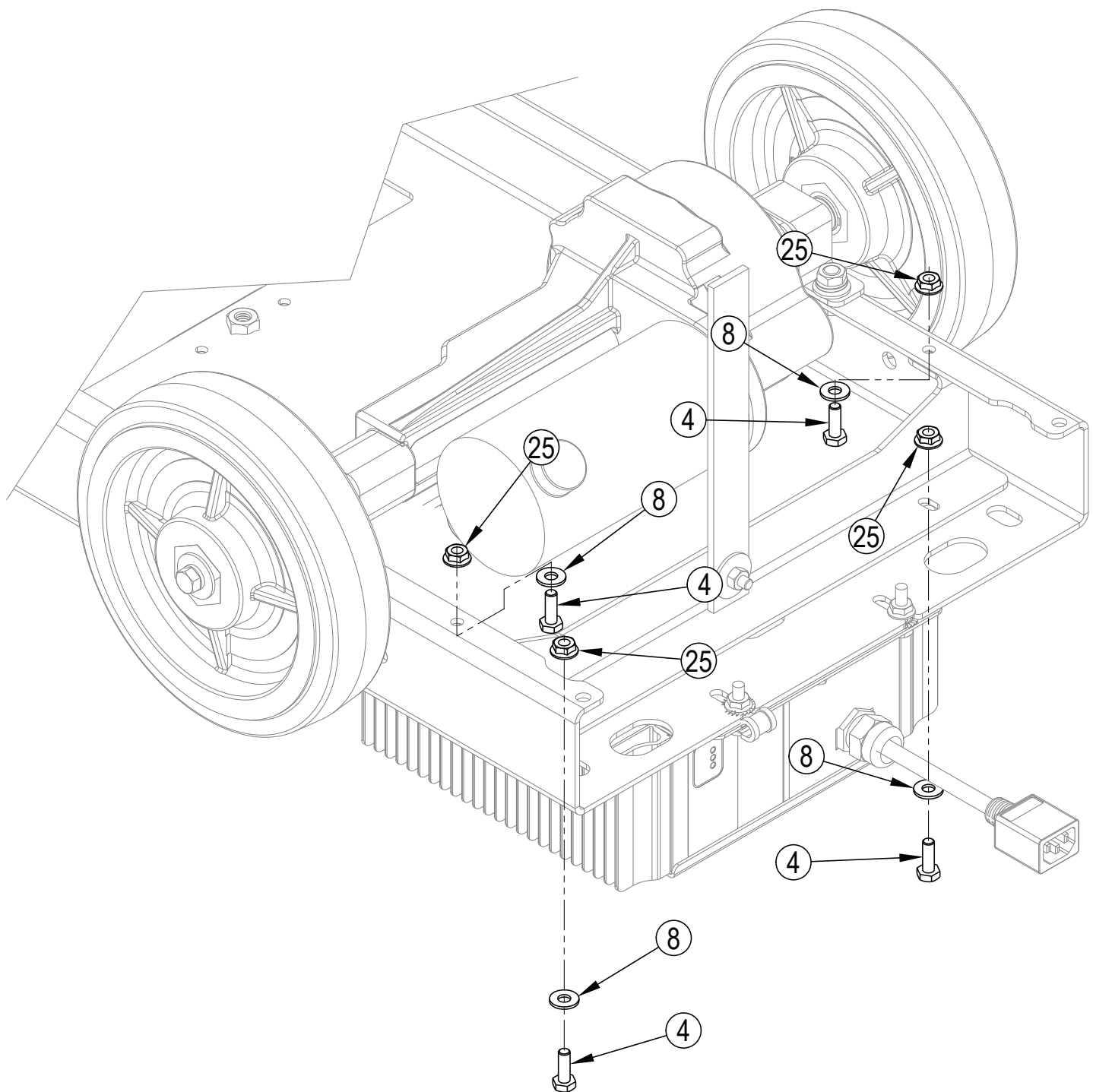
ASSEMBLY FIGURE 2



INSTALL FRAME STIFFENER MOUNTING BOLTS

3 See Assembly Figure 3. Install Items (4, 8, 25) as shown.

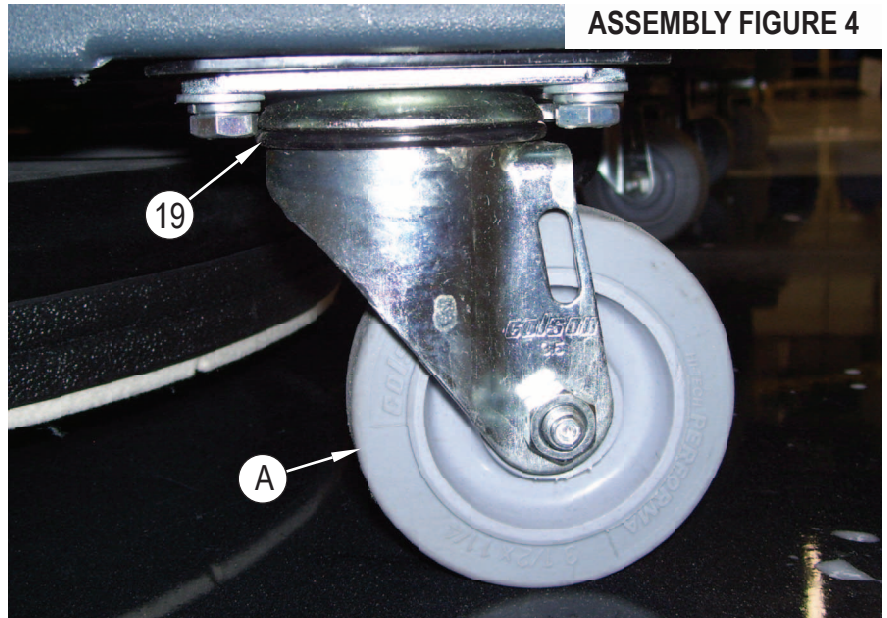
ASSEMBLY FIGURE 3



INSTALL O-RINGS

- 4 See Assembly Figure 4. Stretch one of the two O-Rings (19) over each of the front Caster Wheels (A) and slip into place as shown. **NOTE:** Make sure the O-Rings are not twisted after installing.

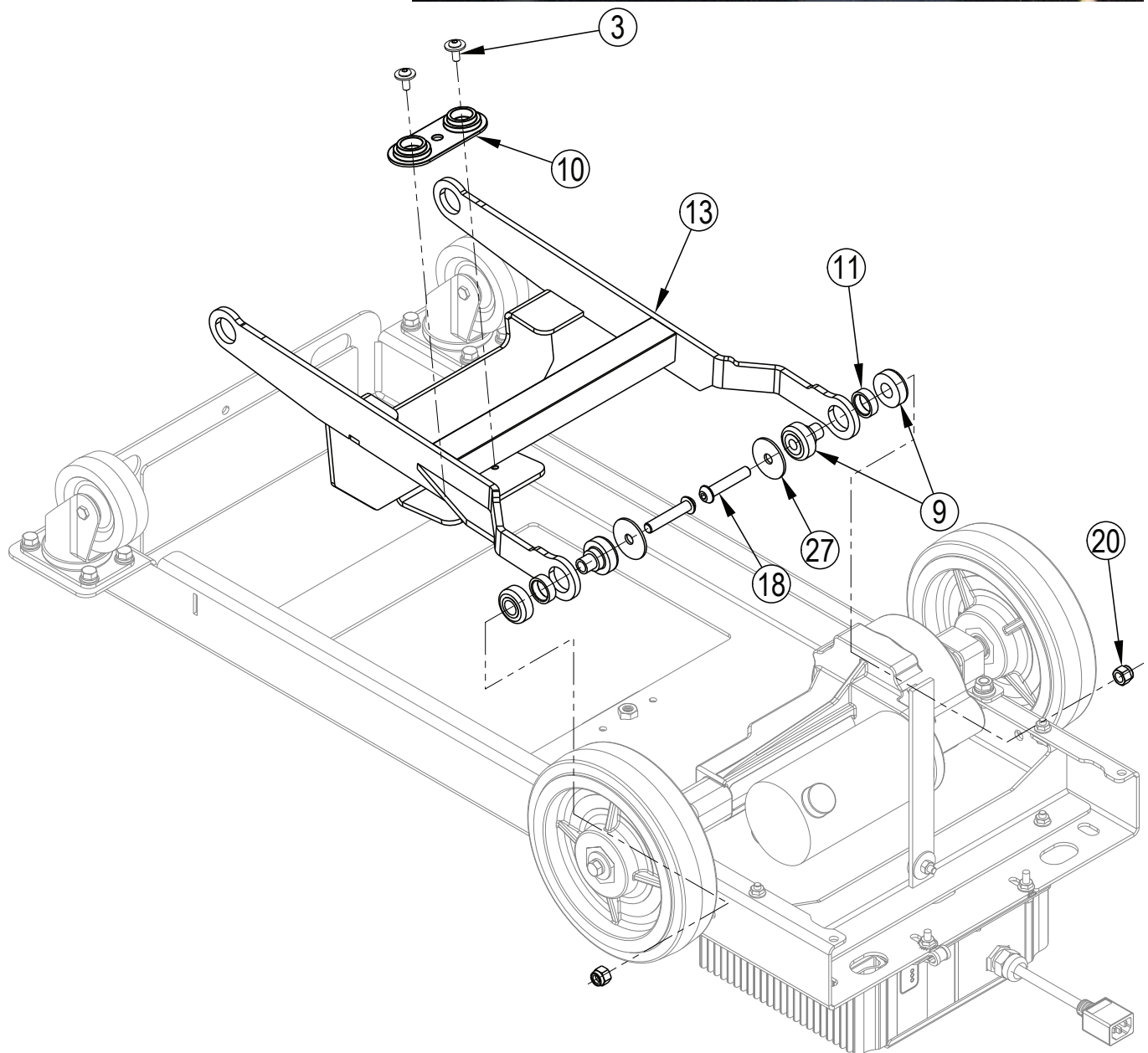
ASSEMBLY FIGURE 4



INSTALL HEAD LIFT WELDMENT

- 5 See Assembly Figure 5. Install Items (3, 9, 10, 11, 13, 18, 20, 27) as shown. **NOTE:** Orientate Vibration Damping Mounts (9) as shown.

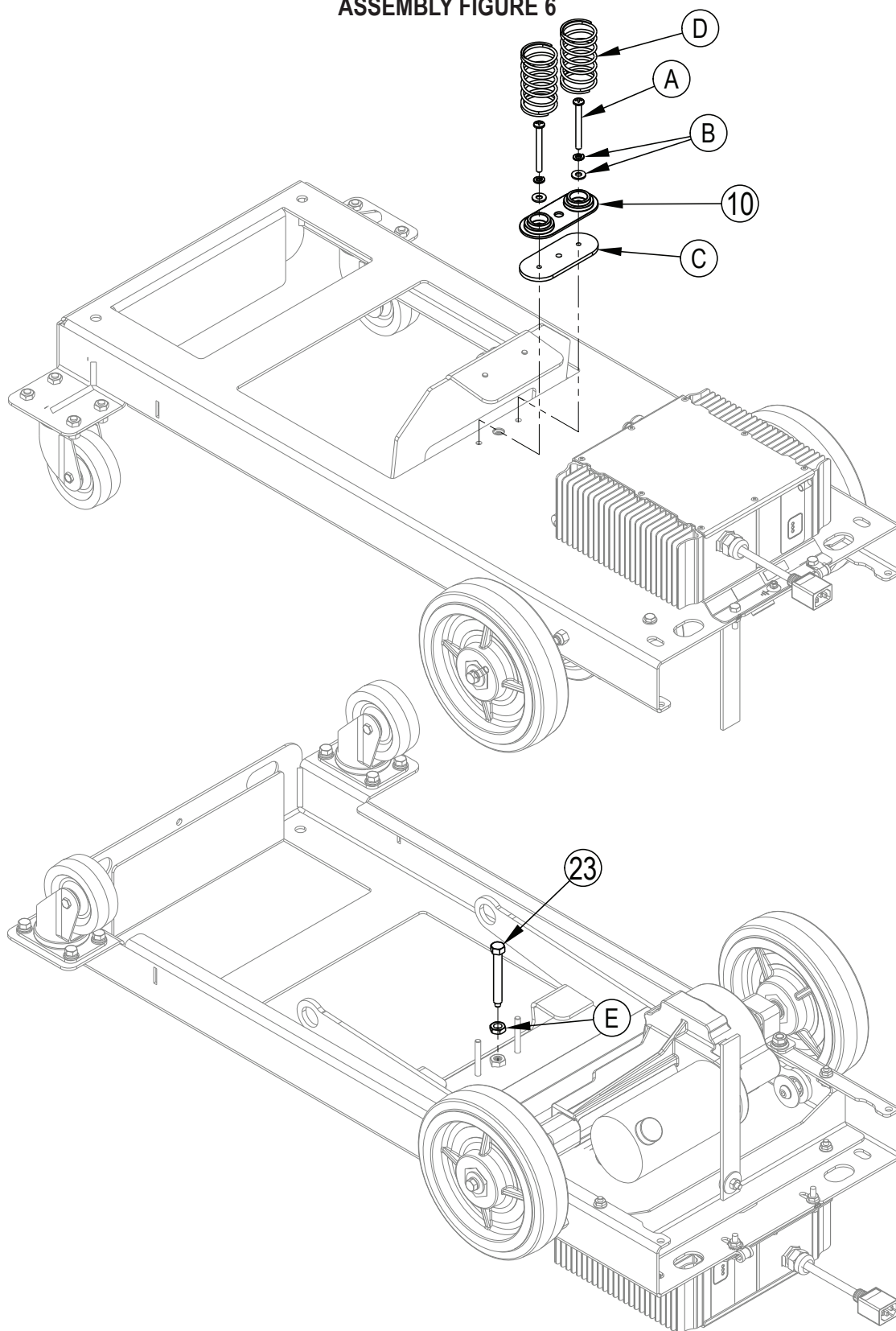
ASSEMBLY FIGURE 5



REINSTALL COMPRESSION SPRINGS

- 6 Tip the chassis assembly back upright.
- 7 **See Assembly Figure 6.** Assemble the remaining Soft Spring Seat (10) and Items (A, B, C) as shown.
- 8 Lift the Head Lift Weldment (13) up as far as possible and reinstall the Compression Springs (D) removed in **Disassembly Figure 9.**
- 9 Tip the chassis assembly upside down again and Install the Head Pressure Adjustment Screw (23) and reinstall the Jam Nut (E) removed in **Disassembly Figure 8.**

ASSEMBLY FIGURE 6



INSTALL MOTOR MOUNT WELDMENT AND PAD DRIVE MOTOR

- 10 See Assembly Figure 7. Sit the Pad Drive Motor (A) on its top as shown with the motor leads facing the side shown.
- 11 Assemble Items (5, 9, 11, 12, 14, 15, 16, 18, 26, 27) and Motor Mount (B) as shown.
- NOTE:** Orientate Vibration Damping Mounts (9) as shown. Apply thread locking compound to Screws (18). The four mounting holes in the bottom of the Motor (A) should line up with the four holes in the Motor Mount (B).
- 12 Follow Disassembly Figures 1 through 7 in reverse order to finish reassembling the machine.

ASSEMBLY FIGURE 7

