

625 Load Cell Kit [002-10456-00]

Applies to Models:
625-004

Special Tools:
Allen wrench set
2"x4"x12+" Support Board
50 lb Calibrated weight
1/2" Magnetic Socket

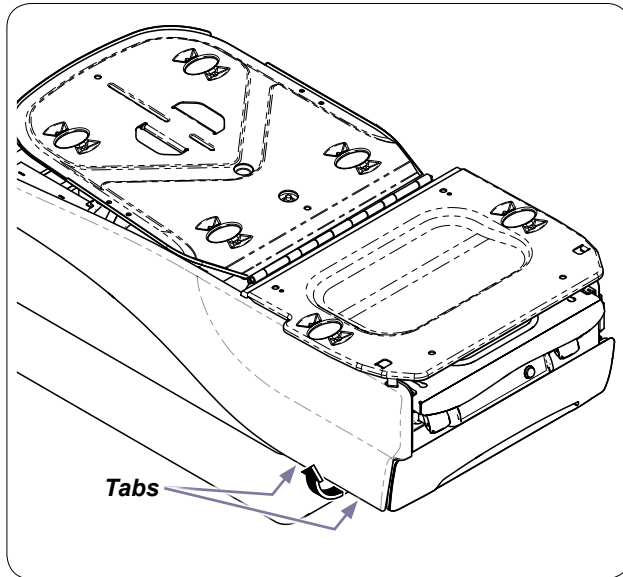


Caution

Always disconnect power to chair before removing covers or performing any service procedures.

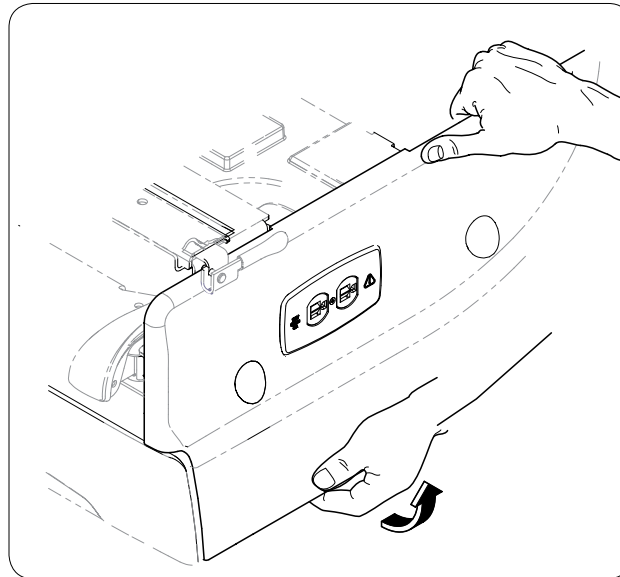
Note

A magnetic socket can be helpful when replacing Rear Load Cells.



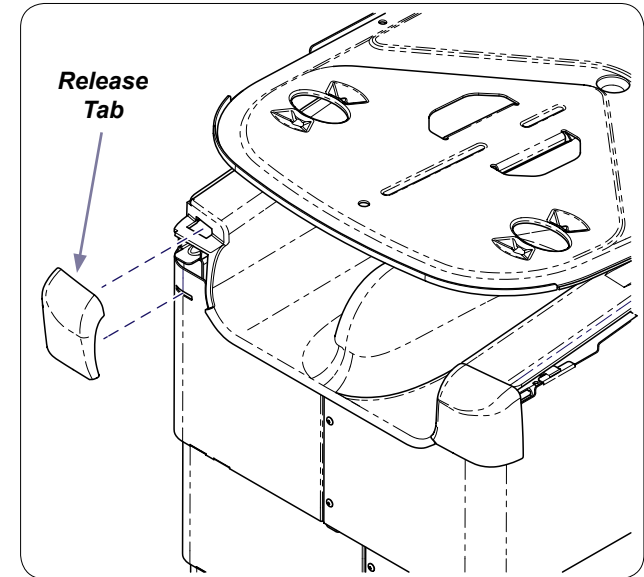
Step 1:

A) Press two tabs to release bottom of Cladding.



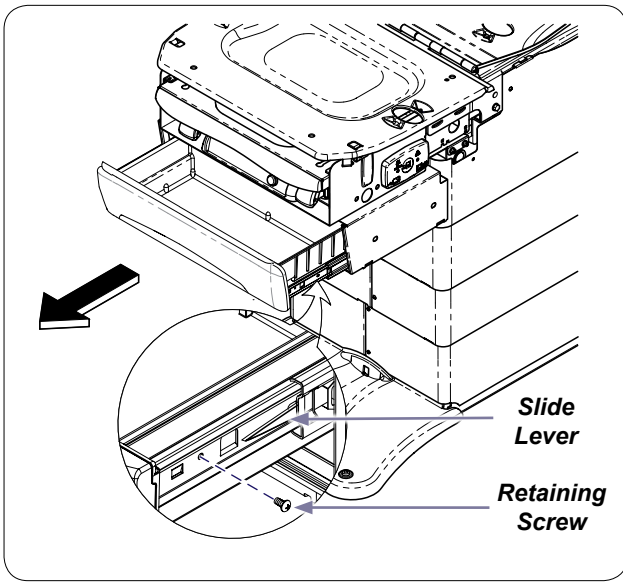
Step 2

A) Pull bottom of Cladding away from chair.
B) Lift Cladding up to remove.



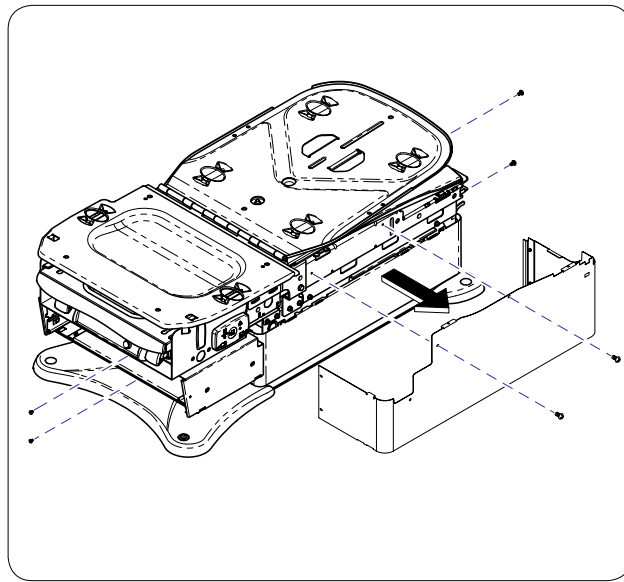
Step 3:

A) Press release tab on End Cap.
B) Tilt End Cap down slightly and remove.



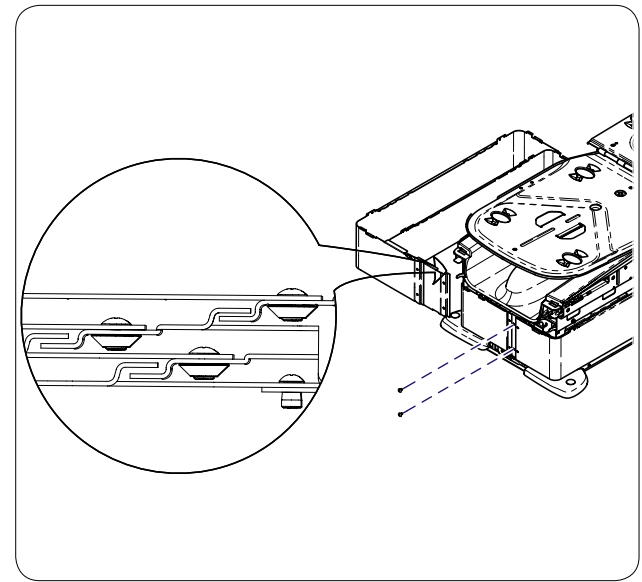
Step 4:

- A) Remove Retaining Screw. (located on one side only)
 - B) Push LH Slide Lever UP and RH Slide Lever DOWN.
 - C) Remove drawer by pulling straight out.
- Note: Slide levers are clear plastic.



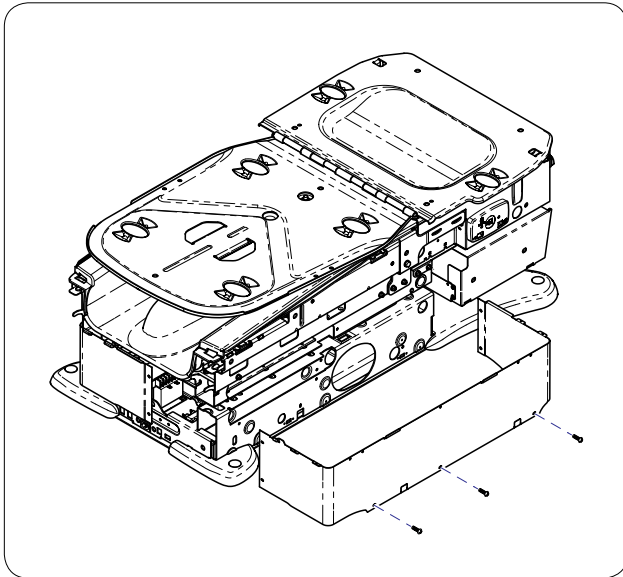
Step 5:

- A) Lower chair to lowest height.
- B) Disconnect chair power cord.
- C) Remove screws from head-end and foot-end.
- D) Remove side screws and Outer Shrouds.



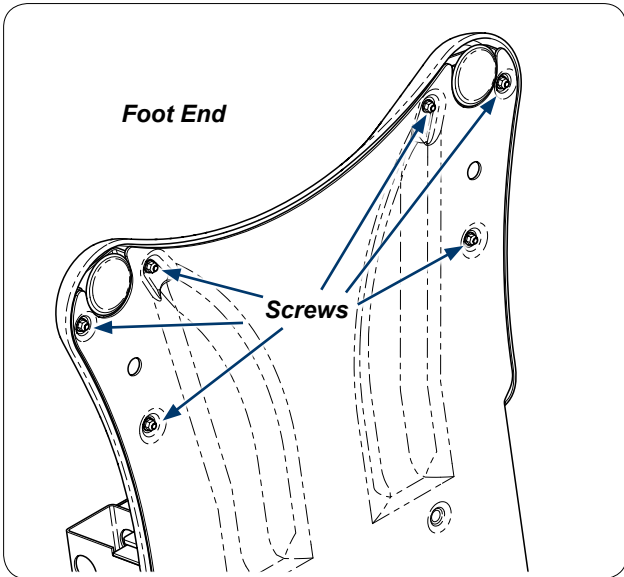
Step 6:

- A) Remove two screws securing each set of Shrouds.
- B) Repeat at foot-end of chair.
- C) Remove Middle Shrouds.



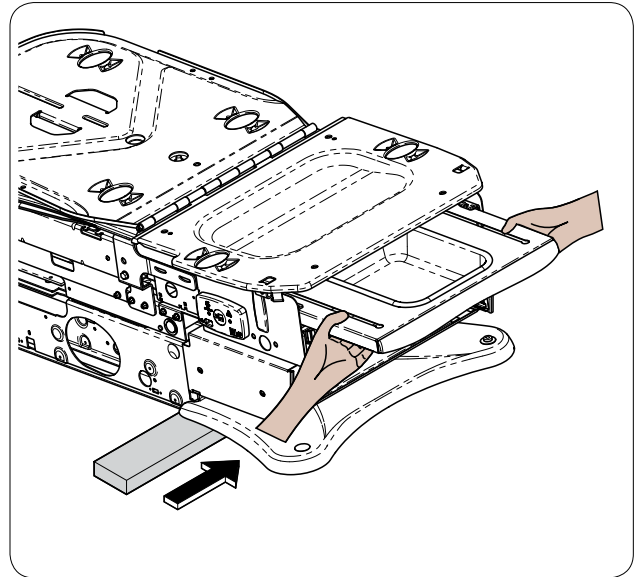
Step 7:

- A) Remove six screws securing bottom of Inner Shrouds.
- B) Remove Inner Shrouds.



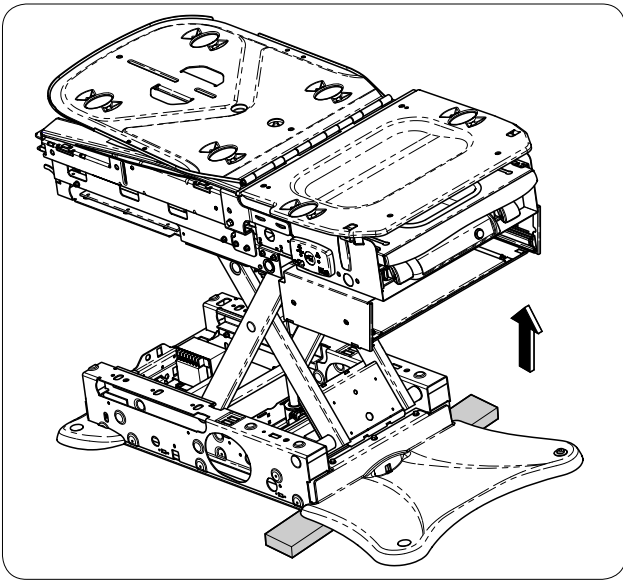
Step 8:

Note the location of the six Front Cover mounting screws.

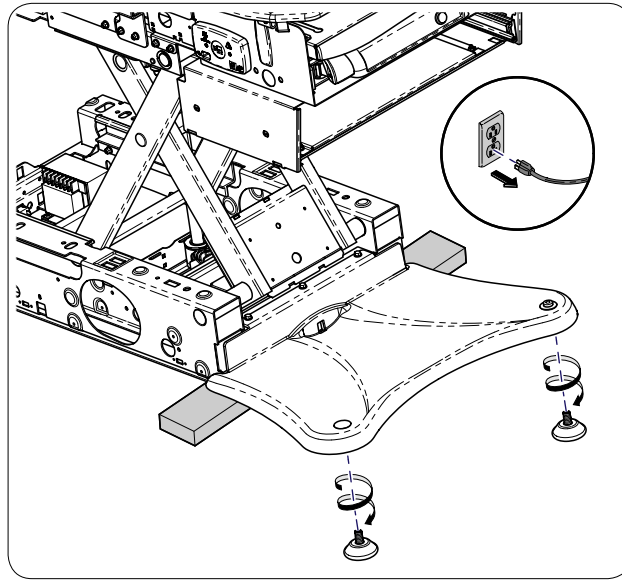


Step 9:

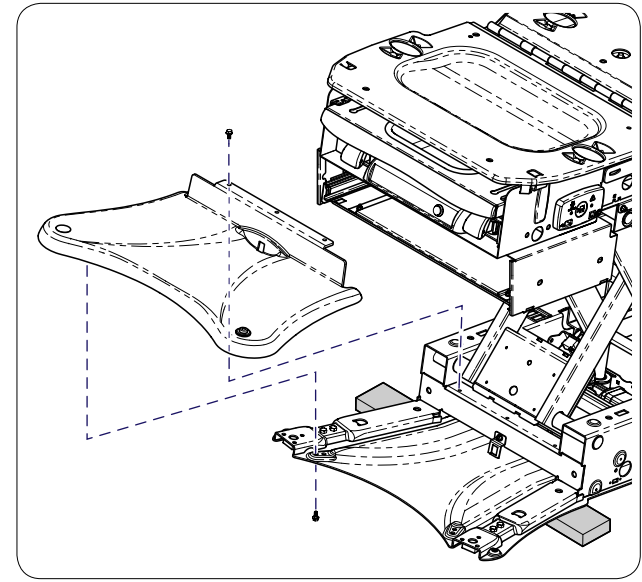
Slide footrest out 9 -10 inches. With the help of an assistant, lift chair and place 2x4 Support Board as shown. Note: Ensure the six cover mounting screws are accessible.



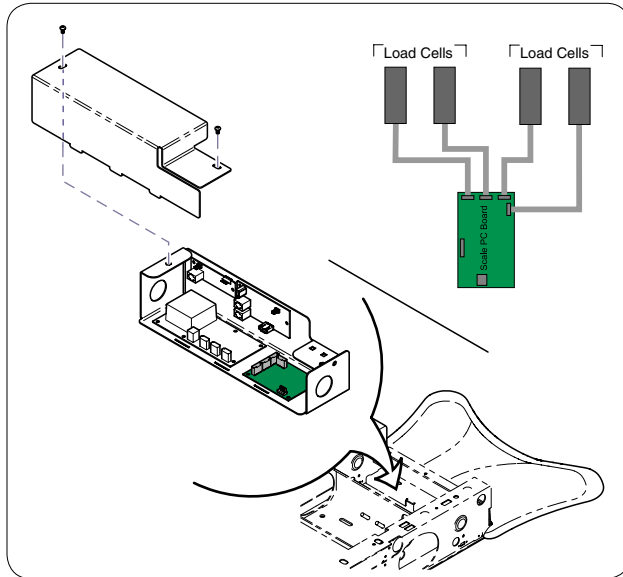
Step 10:
Using hand/foot control, raise chair to maximum height to allow for accessibility to the bottom portion of the chair (boards/wires/covers).



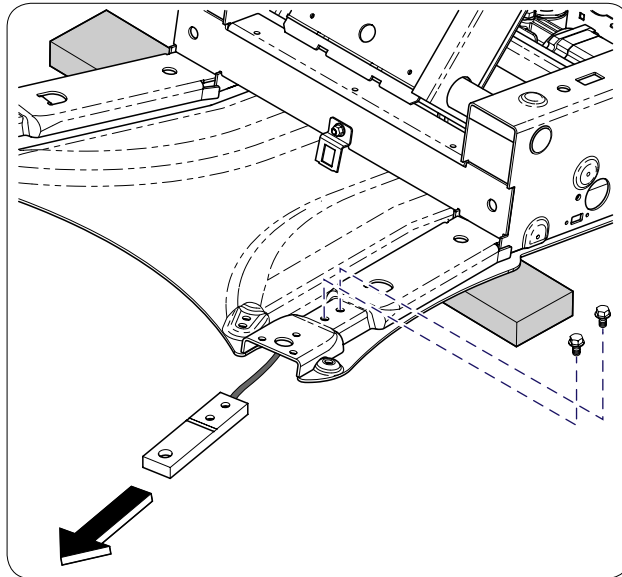
Step 11:
Unplug chair and unscrew Load Cell feet.



Step 12:
Remove six bottom screws, two top screws and Front Cover.

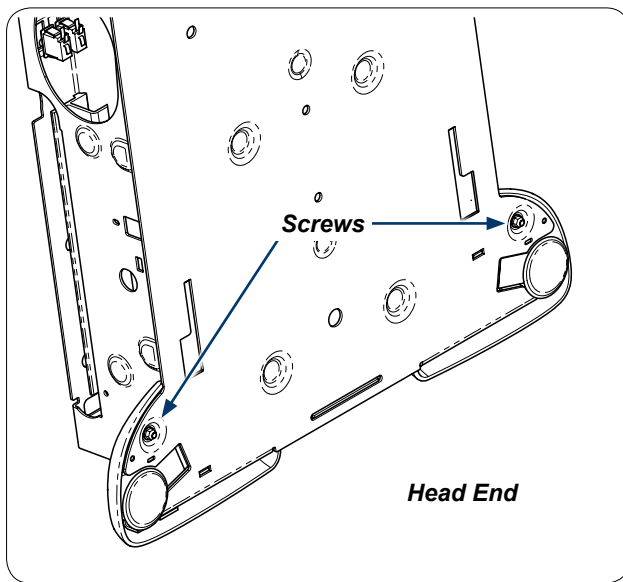


Step 13:
Remove two screws from PC Board Housing Cover. Disconnect Load Cell wires from Scale PC Board. Remove wire fasteners. Take note of wire fastener locations and wire routing for reassembly.

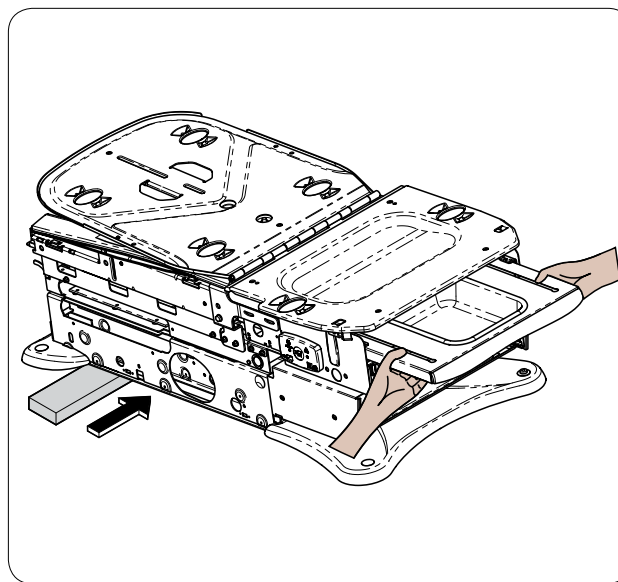


Step 14:
Remove mounting screws and slide Load Cells from Foot end of chair base.

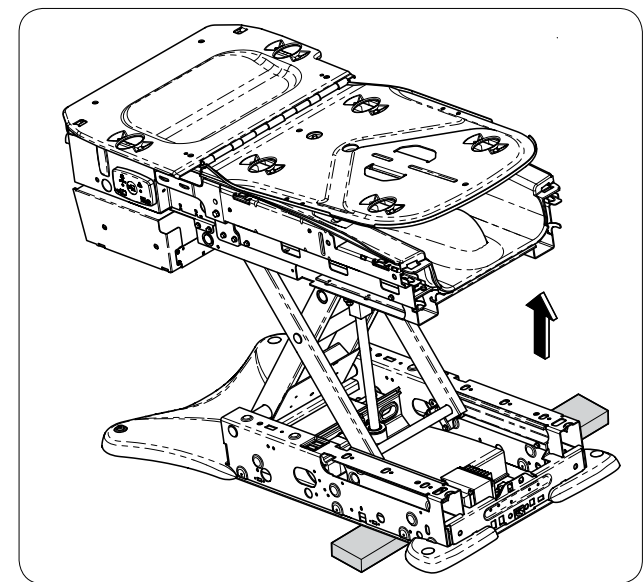
- Step 15: Reassemble Foot End**
- A) Install Load Cells, feeding wires into chair.
 - B) Secure each Load Cell with two mounting screws.
 - C) Connect Load Cell wires to Scale PC Board.
 - D) Secure wires with fasteners.
 - E) Position Front Cover and secure with screws.
 - F) Screw Load Cell feet into chair base.



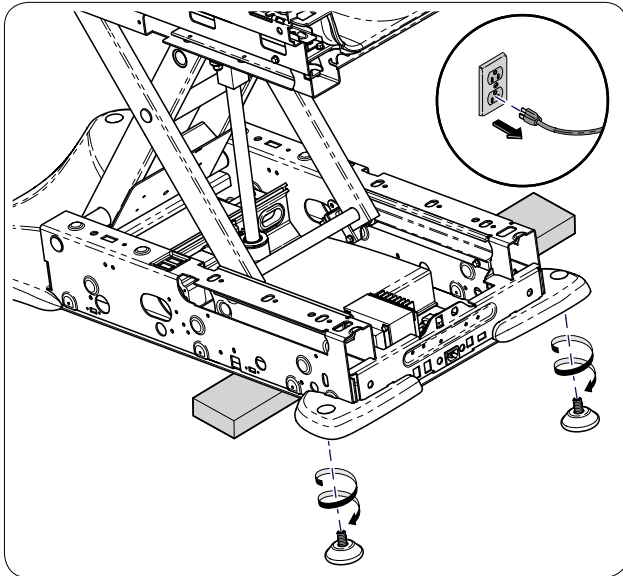
Step 16:
 Note the location of the mounting screw for each of the Rear Covers.



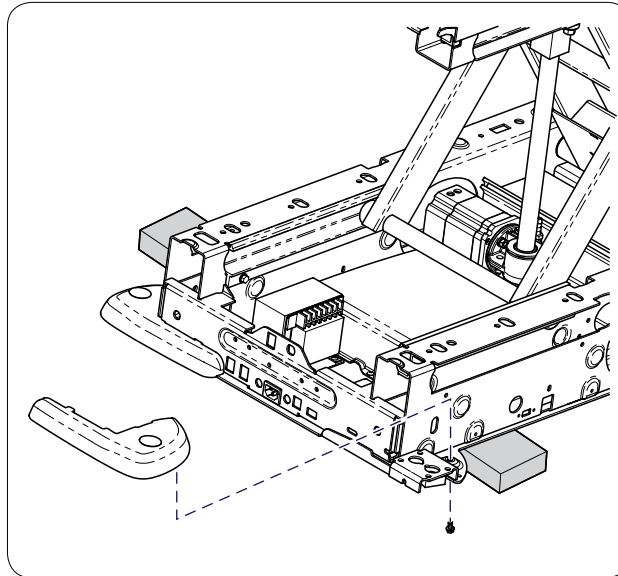
Step 17:
 Using hand/foot control, lower chair. Slide footrest out 9 -10 inches. With the help of an assistant, lift chair and move the 2x4 Support Board to Head end of chair.
 Note: Ensure the two cover mounting screws are accessible.



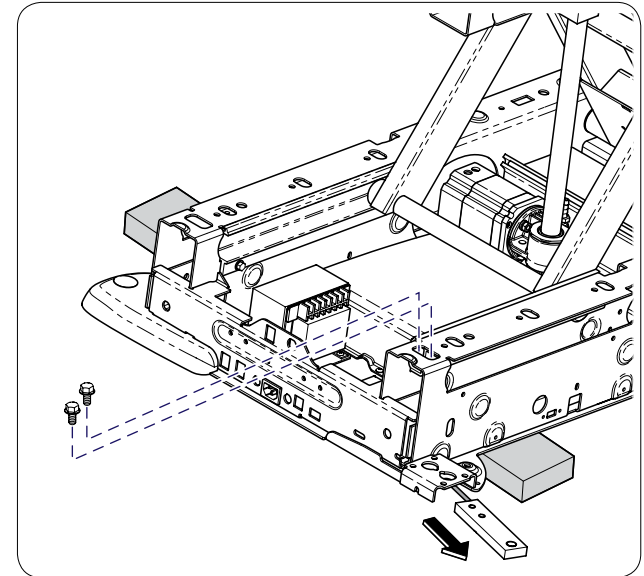
Step 18:
 Using hand/foot control, raise chair to maximum height to allow for accessibility to the bottom portion of the chair (boards/wires/covers).



Step 19:
 Unplug chair and unscrew Load Cell feet.



Step 20:
 Remove screw from each Rear Cover and remove covers.



Step 21:
 Remove mounting screws and slide Load Cells from Head end of chair base.

Step 22: Reassemble Head End

- A) Install Load Cells, feeding wires into chair. Secure Load Cells with two mounting screws each.
- B) Feed wires through chair and connect Load Cell wires to Scale PC Board.
- C) Secure wires with fasteners.
- D) Position Rear Covers and secure with one screws each.
- E) Screw Load Cell feet into chair base.
- F) Reinstall PC Board Housing Cover.
- G) Remove 2x4 Support Board.

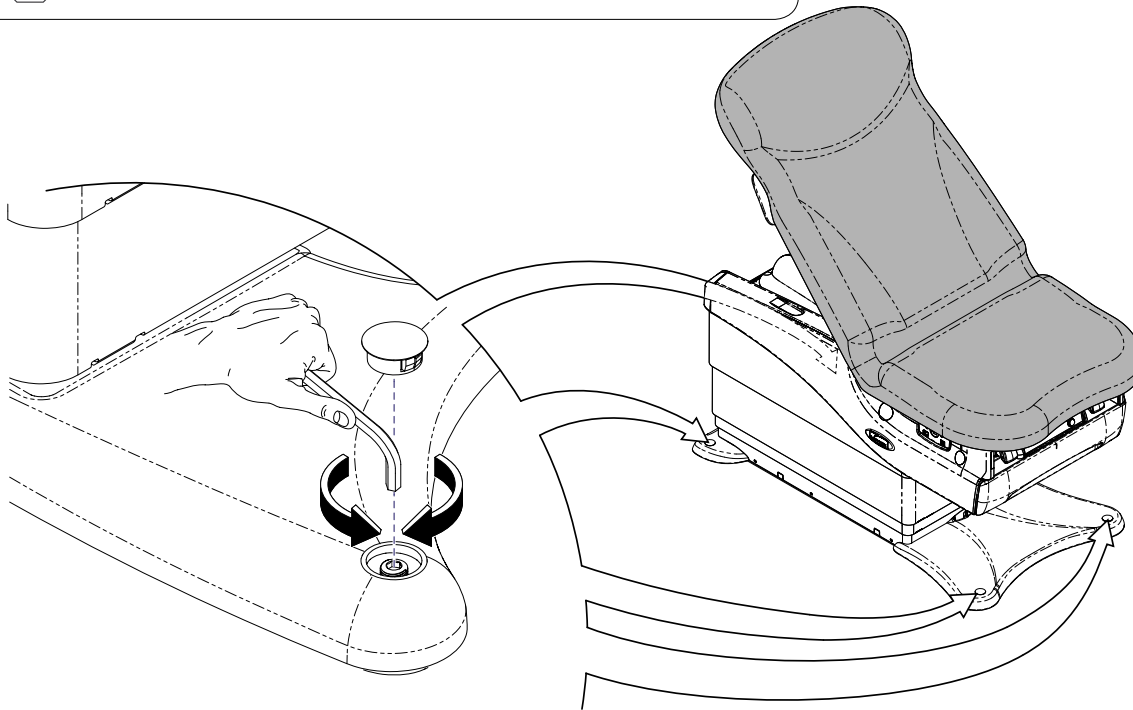
Step 23: Reassemble Shrouds (Reverse Order)

- A) Install six screws securing bottom of Inner Shroud.
- B) Install four screws securing each set of Shrouds.
- C) Install side screws & Outer Shrouds.
- D) Install screws at head-end & foot-end of Outer Shrouds.
- E) Install drawer.
- F) Install Cladding.



Equipment Alert

The chair must be leveled or stable to ensure proper operation.



Equipment Alert

The Scale Calibration Procedure must be performed to ensure proper operation. (See Scale Calibration Procedure)

Step 25:

Perform Scale Calibration Procedure.

Step 24:

Remove four hole plugs and level or balance chair using an Allen wrench. Reinstall hole plugs when finished.

Scale Calibration Procedure

Step 1:

- A) Remove any load from the patient surface.
- B) Press and hold the Weight and Plus buttons until "Pause" is displayed for at least one second, then release buttons.



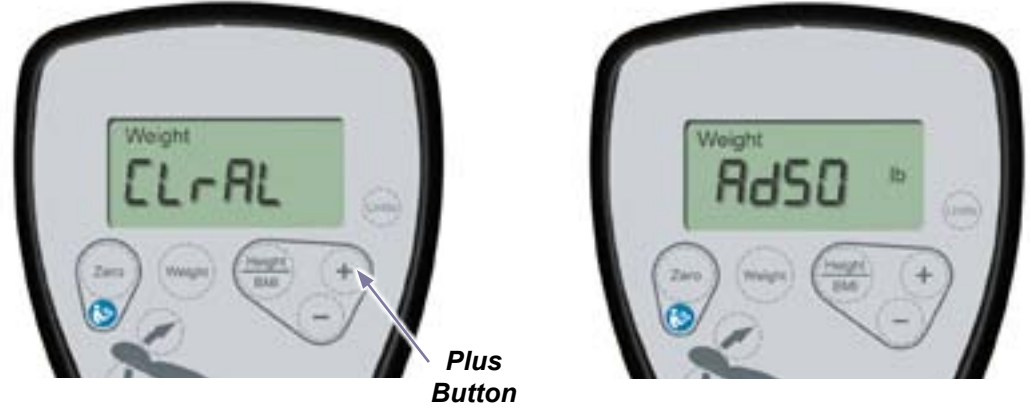
Note

If abort message is displayed, unplug chair for 60 seconds. Remove and reinstall hand control batteries, then repeat step 1.

Step 2:

- A) When "CLrAL" is displayed, firmly press and release the Plus button.
- B) After count down, "Ad50" will be displayed.

Note: If something other than "Ad50" is displayed, press the Weight button until "Ad50" is displayed. (Early units may display "Add 50").



Step 3:

- A) Place fifty pound calibrated weight on patient surface.
 - B) Firmly press and release the Plus button.
- Note: After count down "donE" will be displayed.



Step 4:

- A) **Wait until display clears**, then firmly press and release the Weight button.
- Note: "50 lbs" should be displayed.
- B) Remove calibrated weight.

