

626 Load Cell Kit [002-10455-00]

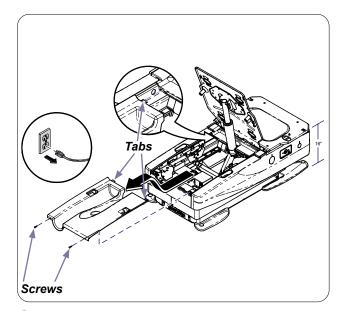
Applies to Models: 626 (-003 thru -006)

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



Caution

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

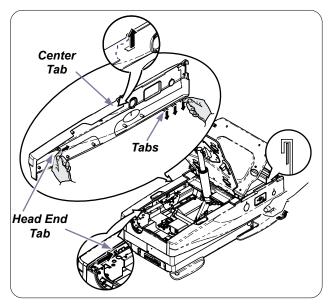


Step 1:

- A) Position chair to approximately 16" from the top of chair frame to floor.
- B) Unplug chair.
- C) Remove two screws from back of Top Cover.
- D) Pull cover toward head end to disengage tabs, then lift up to remove cover.

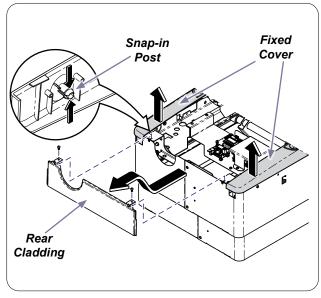
Note

Remove all accessories (ex. chair arms) before performing Step 2.



Step 2

- A) Locate tab inside head end of chair. Push tab toward foot end of chair. Pull Cladding away from chair.
- B) Pull down on three tabs located at the bottom foot end of the Cladding and pull Cladding away from chair.
- C) Locate tab inside at center of chair (footrest must be extended) push tab up and pull Cladding away from chair.
- D) Push up on Cladding, tip up and remove.
- E) Repeat process for opposite side.



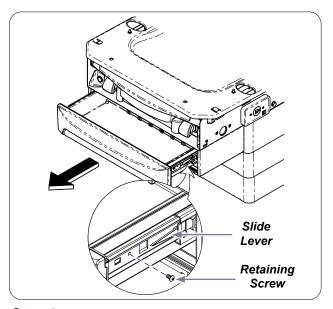
Step 3:

- A) Remove two screws from Rear Cladding.
- B) Squeeze Snap-in Post together on the bottom corners of the Fixed Cover.
- C) Pull upward on Fixed Cover corners.
- D) Remove Rear Cladding.



Equipment Alert

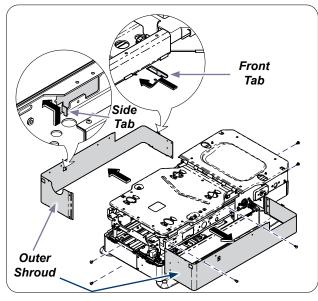
If the chair is at a height where the Inner Shrouds are being lifted/supported by the Outer Shroud, care must be taken to secure the Inner Shrouds while removing the Outer Shrouds.



Step 4:

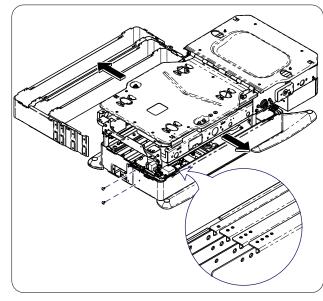
- A) Remove Retaining Screw. (located on one side only)
- B) Push LH Slide Lever UP and RH Slide Lever DOWN.
- C) Remove drawer by pulling straight out.

Note: Slide levers are clear plastic.



Step 5:

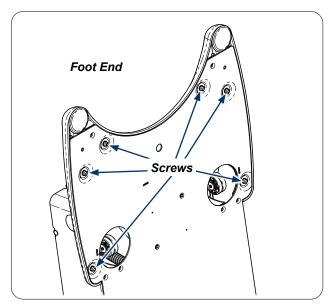
- A) Remove screws from head-end & foot-end of Outer Shrouds.
- B) Remove screws from both sides of Outer Shrouds.
- C) Lift up then out on the side of Outer Shroud to disengage the Side Tab.
- D) Pull Outer Shroud away from chair and lower the Front Tab out of slot.
- E) Remove Outer Shroud, and repeat on opposite side.



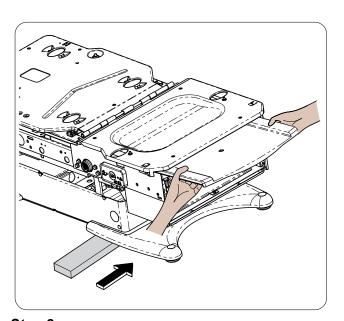
Step 6:

- A) Remove screws from head-end & foot-end of Inner Shroud.
- B) Pull Inner Shroud away from chair to remove. Repeat on remaining Shrouds.

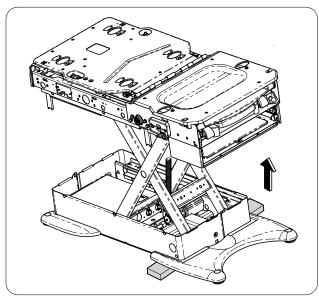
Note: Shrouds are marked with 1,2,3, or 4 indicator holes in the top corners to quickly identify the matching Shroud and assembly order.



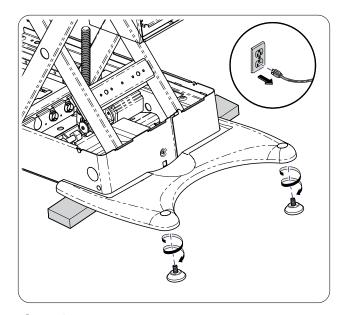
Step 7:Note the location of the six Front Cover mounting screws.



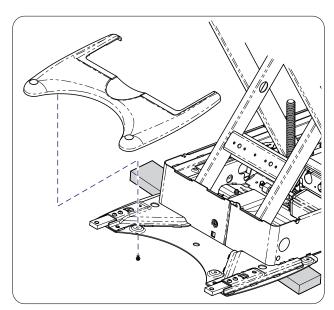
Step 8: Slide footrest out 9 -10 inches. With the help of an assistant, lift chair and place 2x4 Support Board as shown. Note: Ensure the six cover mounting screws are accessible.



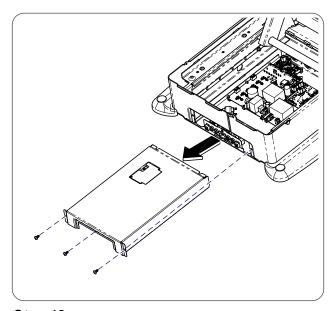
Step 9:Using hand/foot control, raise chair to maximum height to allow for accessibility to the bottom portion of the chair (boards/wires/covers).



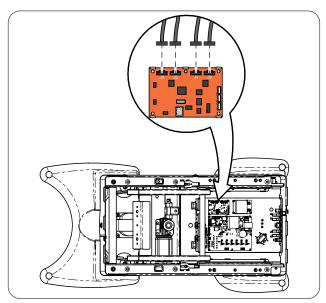
Step 10: Unplug chair and unscrew Load Cell feet.



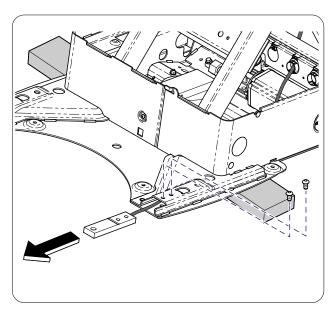
Step 11:Remove six screws and Front Cover.



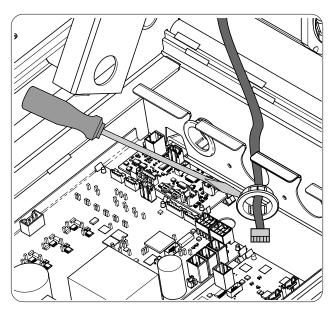
Step 12:Remove three screws from Control Board Housing Cover and slide it out of chair.



Step 13:Disconnect Load Cell wires from Interface PC Board.
Remove wire fasteners. Take note of wire fastener locations and wire routing for reassembly.



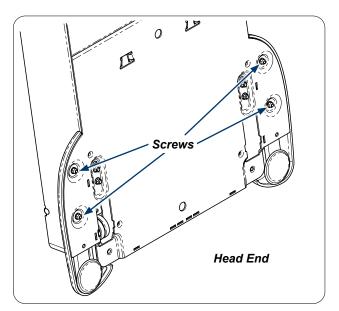
Step 15:Remove mounting screws and slide Load Cells from Foot end of chair base.



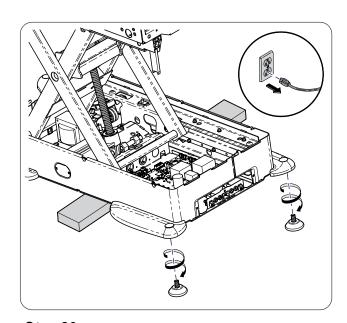
Step 14:Using a Flat Blade screwdriver, remove Snap Bushing.
Note: This is to make it easier to feed the wire in and out of the chair and <u>must</u> be reinstalled.

Step 16: Reassemble Foot End

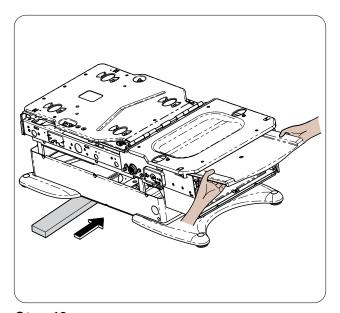
- A) Install Load Cells, feeding wires into chair.
- B) Secure each Load Cell with two mounting screws.
- C) Feed wires through Snap Bushing.
- D) Connect Load Cell wires to Interface PC Board.
- E) Reinstall Snap Bushing.
- F) Secure wires with fasteners.
- G) Position Front Cover and secure with six screws.
- H) Screw Load Cell feet into chair base.



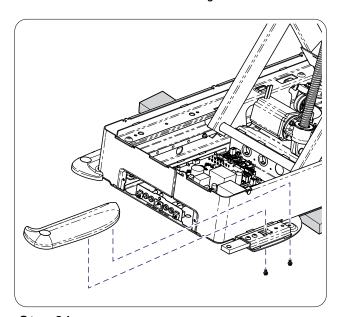
Step 17:
Note the location of the two mounting screws for each of the Rear Covers.



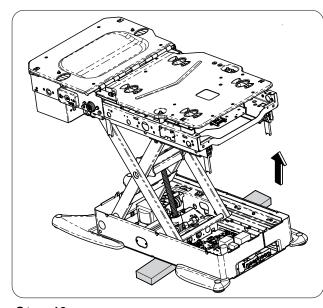
Step 20: Unplug chair and unscrew Load Cell feet.



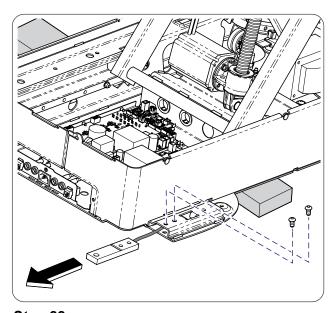
Step 18:
Using hand/foot control, lower chair. Slide footrest out 9 -10 inches. With the help of an assistant, lift chair and move the 2x4 Support Board to Head end of chair.
Note: Ensure the four cover mounting screws are accessible.



Step 21:Remove two screws from each Rear Cover and remove covers.



Step 19: Using hand/foot control, raise chair to maximum height to allow for accessibility to the bottom portion of the chair (boards/wires/covers).



Step 22: Remove mounting screws and slide Load Cells from Head end of chair base.

Step 23: 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 Interface PC Board.
- C) Secure wires with fasteners.
- D) Position Rear Covers and secure with two screws each.
- E) Screw Load Cell feet into chair base.
- F) Reinstall Control Board Housing Cover.
- G) Remove 2x4 Support Board.

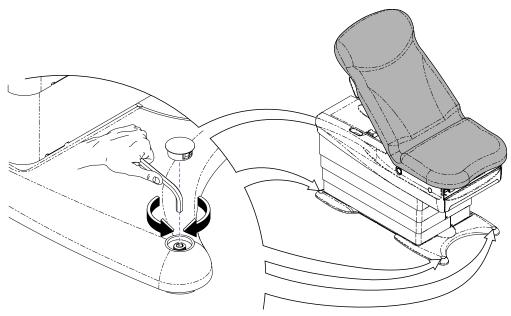
Step 24: Reassemble Shrouds (Reverse Order)

- A) Install Inner Shrouds by pairing them up using the Indicator holes and screwing ends together.
- B) Install Outer Shroud by inserting Front & Side Tabs into chair frame. Install screws into sides of chair frame and ends of Shrouds.
- C) Install Front Drawer into slides and secure with retaining screw.
- D) Position and secure Rear Cover with screws, push down on Fixed Cover corners until snap-in post are secured.
- E) Install Side Cladding by hooking top edge onto chair, then pushing in at tab locations until they engage the chair frame.
- F) Position Top Cover in place while engaging tabs into chair, secure with two screws.



Equipment Alert

The chair <u>must</u> be leveled or stable to ensure proper operation.



Step 25:

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



Equipment Alert

The Scale Calibration Procedure <u>must</u> be performed to ensure proper operation. (See Scale Calibration Procedure)

Step 26:

Perform Scale Calibration Procedure.

Scale Calibration Procedure

Step 1:

- A) Remove any load from the patient surface.
- B) Press and hold the Weight and Plus buttons until "CLEAR CHAIR" is displayed, then release buttons.





Step 2:

- A) Press and release the Plus button.
- B) The display will say "ZEROING then "ADD 50 POUNDS".



Plus Button



Step 3:

- A) Place fifty pound calibrated weight on patient surface.
- B) Firmly press and release the Plus button.
- C) The display will say "WAIT" then "DONE".

Step 4:

- A) The display will go blank.
- B) Firmly press and release the Weight button. Note: "50.0 lbs" should be displayed.
- C) Remove calibrated weight.











Weight Button

