



WARNING

Always disconnect chair from power source before removing any covers. Failure to do so may result in personal injury.

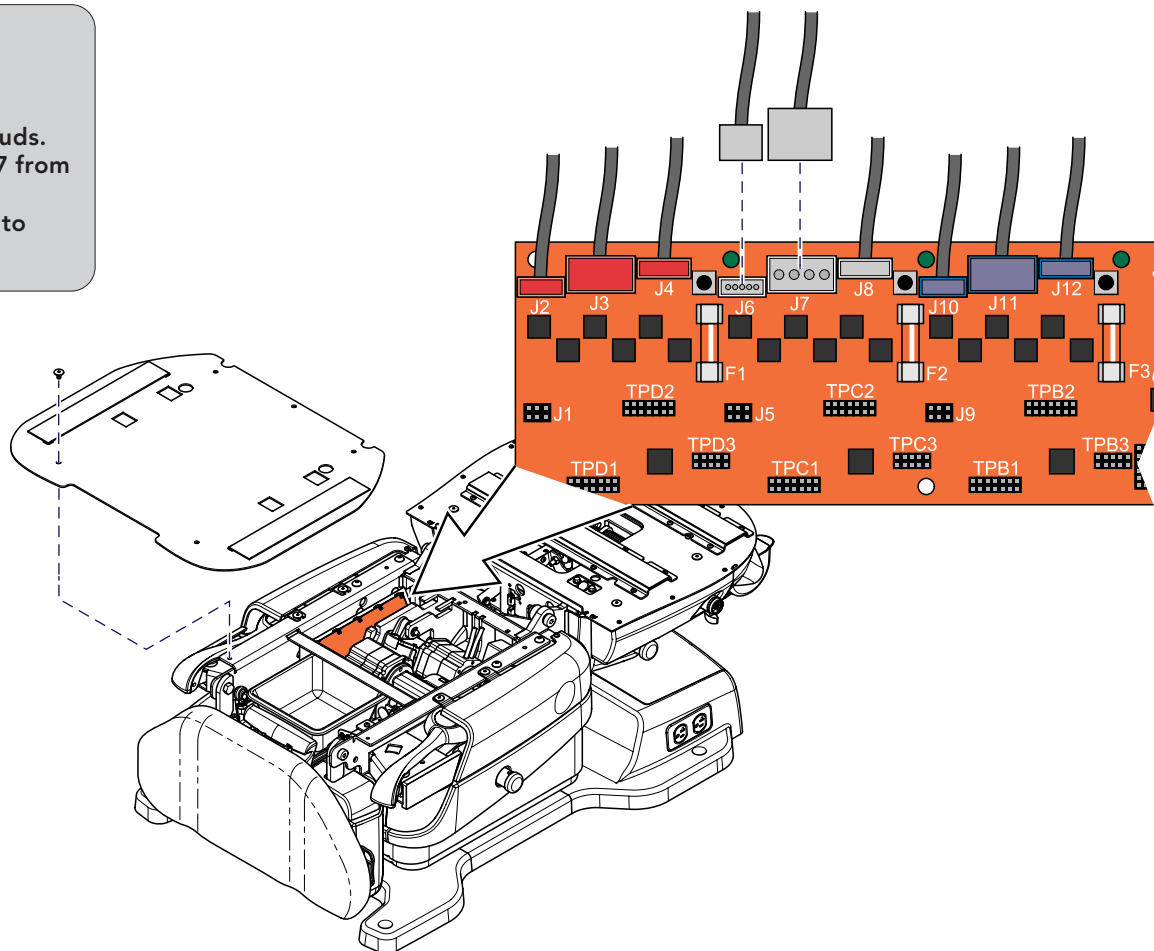


Equipment Alert

The wire connections and wire routing must be put back in original locations before installing covers.

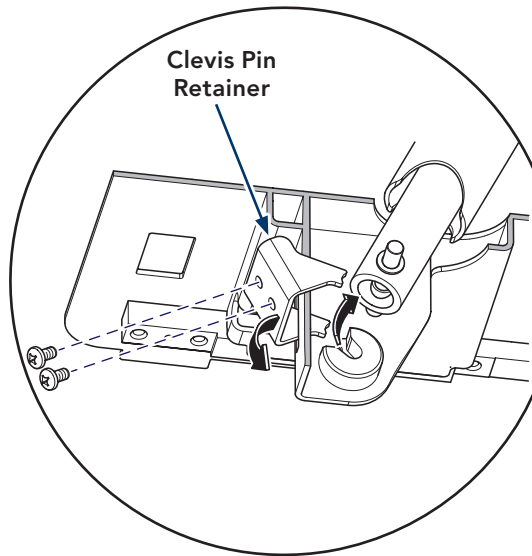
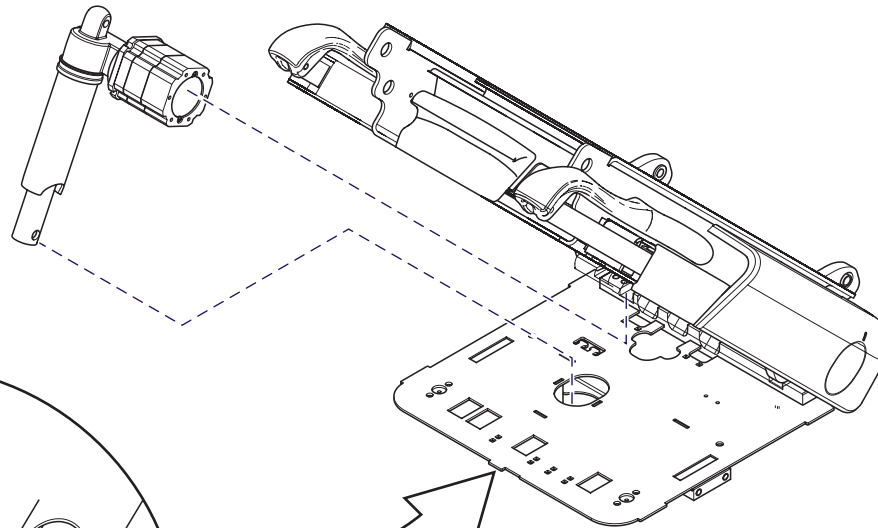
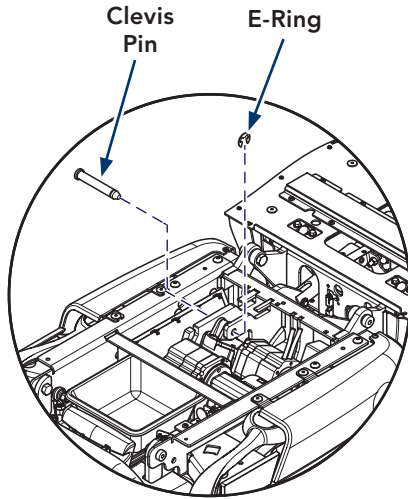
Step 1:

- Remove seat / back upholstery.
- Remove five screws and seat plate.
- Remove cladding, bail, and outer shrouds.
- Disconnect wire connections J6 and J7 from Motor Control Hub PC Board.
- Cut wire ties as required to free wires to the actuator motor.



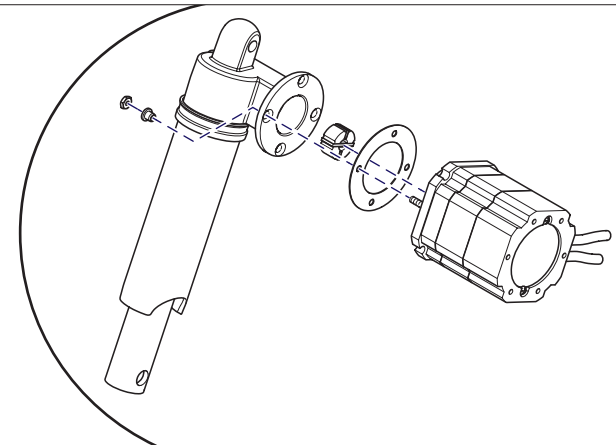
Step 2:

- A) Remove e-ring and top clevis pin.
- B) Remove two screws and pull outward on clevis pin retainer.
- C) Manually tilt chair top and remove tilt actuator.



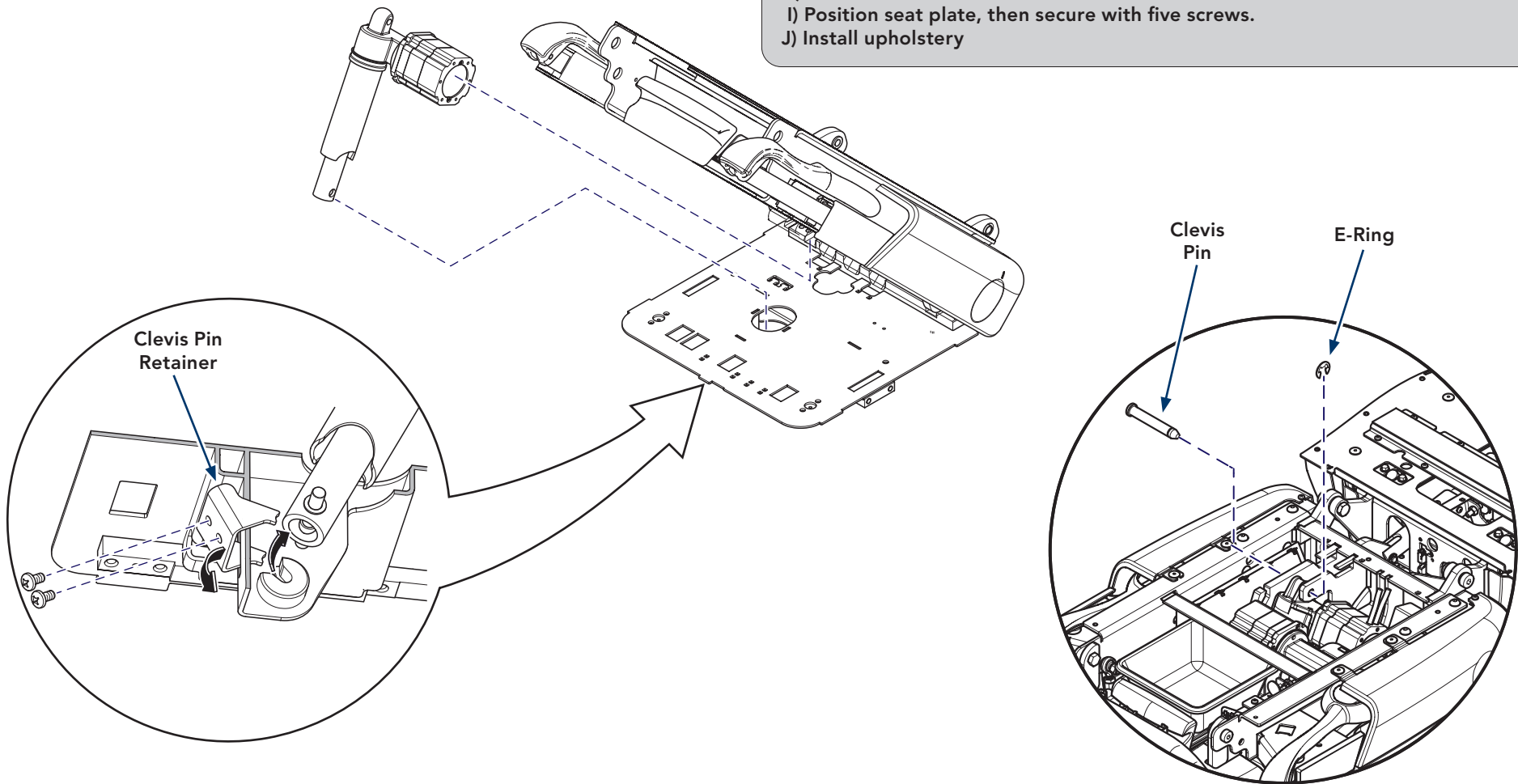
Note

If replacing only the actuator / coupler, refer to the illustration below.
If replacing complete actuator assembly, go directly to Step 3.



Step 3:

- A) Angle actuator into seat weldment.
- B) Install clevis pin at head end of actuator and secure with e-ring.
- C) From full in, spin actuator shaft outward three rotations.
- D) Position foot end of actuator and secure with two screws and clevis pin retainer.
- E) Connect wire connections to J6 and J7 on Motor Control Hub PC Board, then secure wires with cable ties.
- F) Install outer shrouds, bail, and cladding.
- H) Calibrate chair.
- I) Position seat plate, then secure with five screws.
- J) Install upholstery

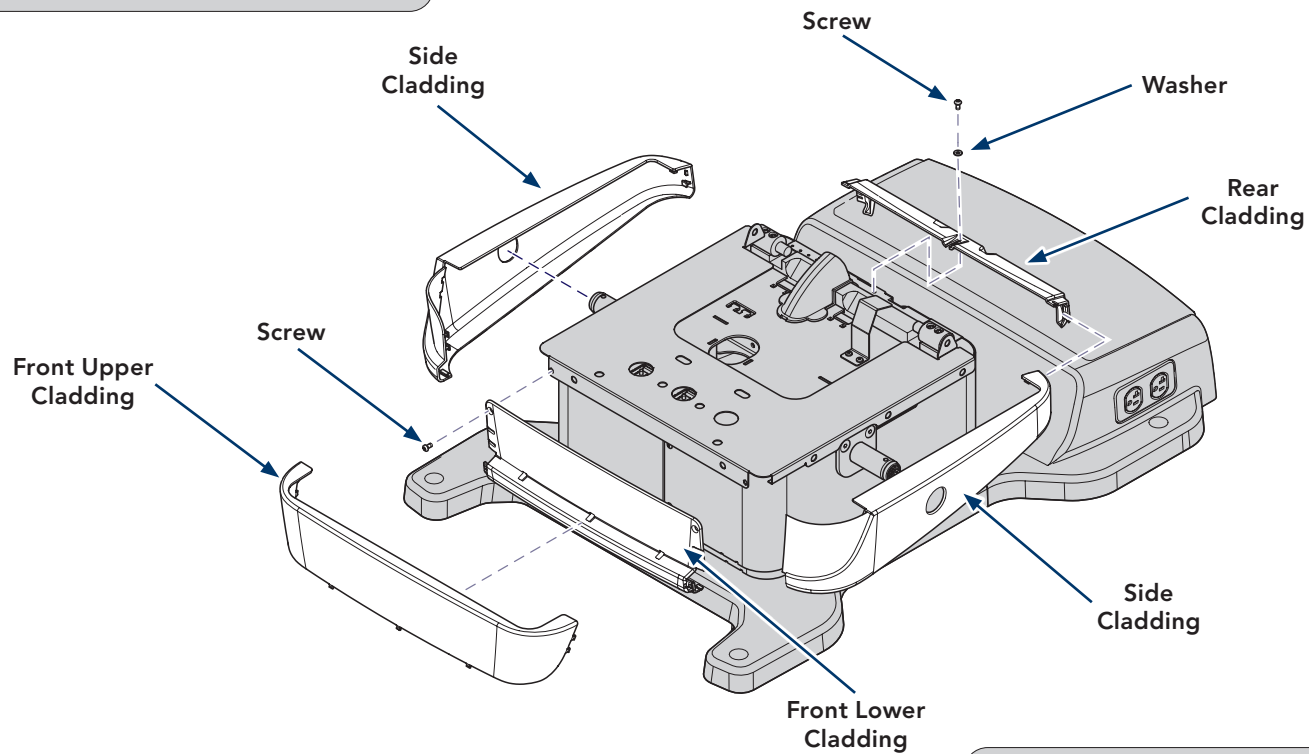


Note

This illustration shows top components removed for clarity only.

To remove Cladding...

- A) Pull outward on the top of front upper cladding and unsnap.
- B) Unsnap side cladding from front lower cladding and rear cladding to remove.
- C) Remove two screws from front lower cladding.
- D) Remove one screw and washer from rear cladding.



To install cladding...

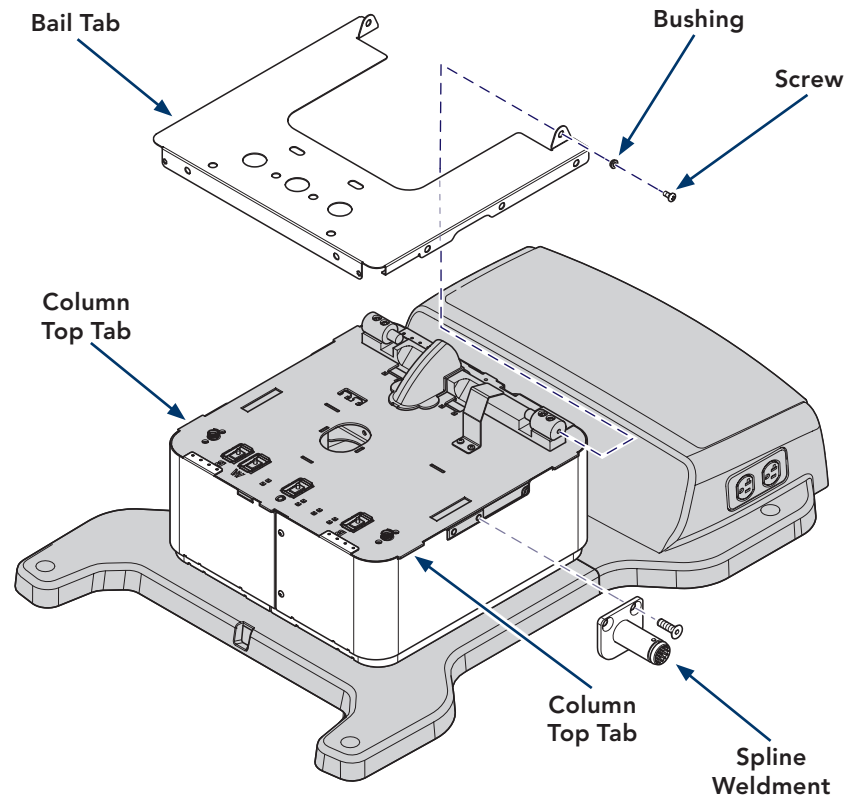
- A) Position rear cladding and secure with washer and screw.
- B) Position front lower cladding and secure with two screws.
- C) Position side cladding and snap into place.
- D) Engage bottom tabs of front upper cladding and snap onto front lower cladding.

Note

For ease of shroud removal, it is recommended to remove the bail.
This illustration shows top components removed for clarity only.

To remove bail and spline weldments...

- A) Remove two screws and two bushings.
- B) Slide bail forward and remove.
- C) Remove two screws and spline weldment from each side of chair.



Equipment Alert

Be sure front bail tabs capture the column top tabs.

To install bail and spline weldments...

- A) Position spline weldments and secure with screws.
- B) Position bail on top of column.
- C) Secure with two bushings and two screws.



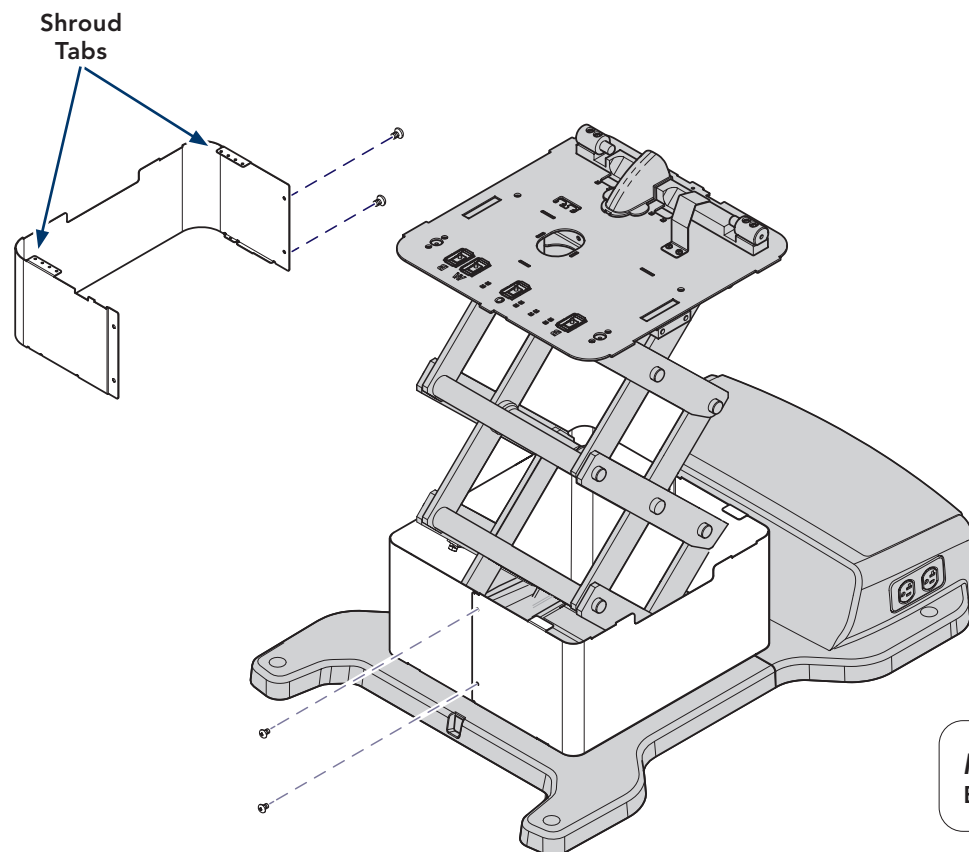
Equipment Alert

Lower the base before removing outer shrouds.

This illustration shows the base raised and top components removed for clarity only.

To remove outer shrouds...

- A) Lower base completely, then raise four to six inches.
- B) Remove screws from both ends of outer shrouds.
- C) Pull shrouds outward to disengage tabs.



Note

Be sure shroud tabs stack on top of each other.

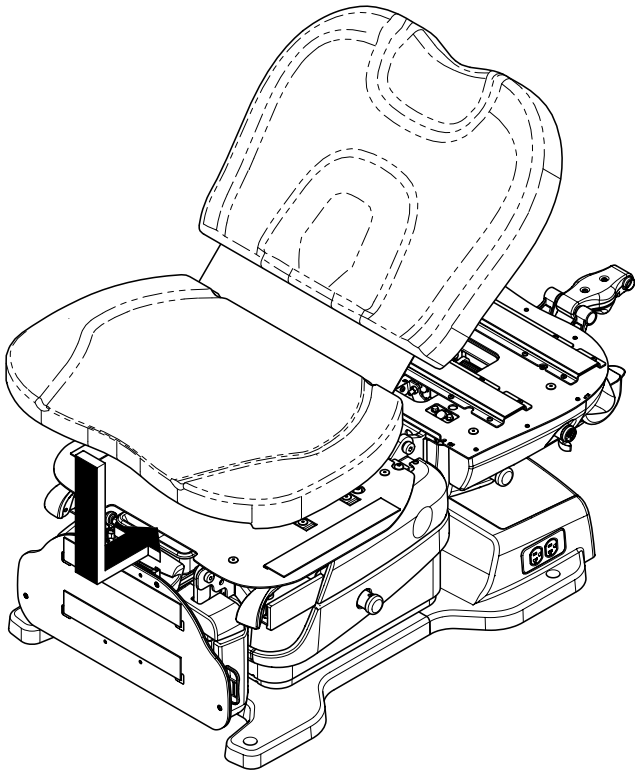
To install outer shrouds...

- A) Position outer shrouds and secure with screws at both ends.

Seat / Back Upholstery

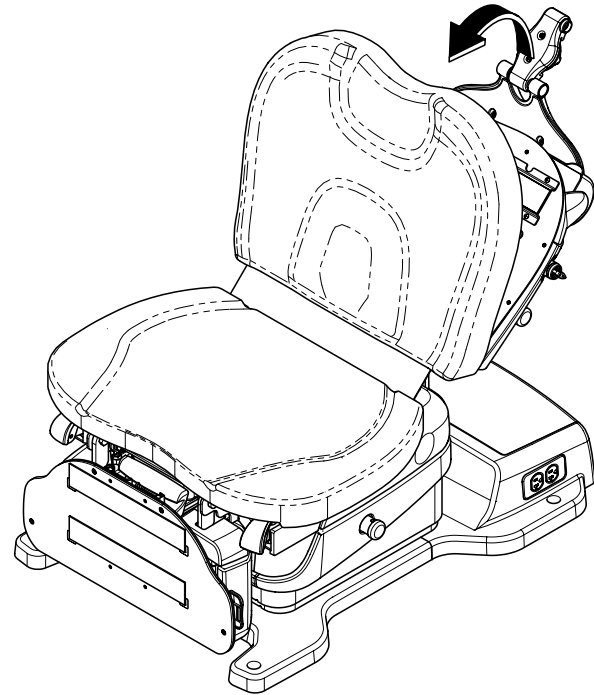
Step 1:

- A) Place the seat section on the chair insuring that the front is up against the seat plate and centered.
- B) Press on seat section firmly to secure.



Step 2:

- A) Raise back section fully up to engage the upholstery to the top of the back plate.
- B) Press on back section firmly to secure.



Calibration Procedure

During the calibration procedure you will hear a steady pattern of “beeps” . The chair will run all functions (base, back, tilt, foot) to their minimum and maximum positions, then return to a lowered flat position. When calibration is complete, the chair will stop moving and you will hear three short “beeps”.

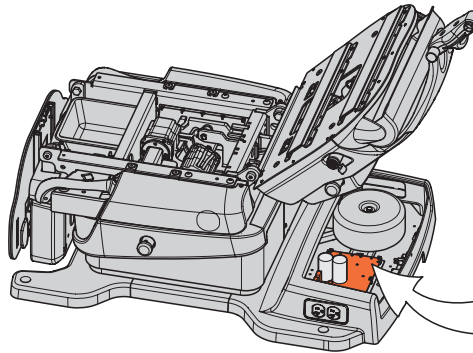
You must calibrate the chair in the following situations:

- After replacing Power Supply PC Board.
- After replacing Motor Control Hub PC Board.
- After replacing Machine Control Board.
- After replacing Base, Back, Tilt or Foot actuators.
- After a limit switch bracket is adjusted.
- When an error code indicates calibration is needed.



Equipment Alert

Anytime the PC Board is removed or the actuator wires are disconnected, the chair must be calibrated.



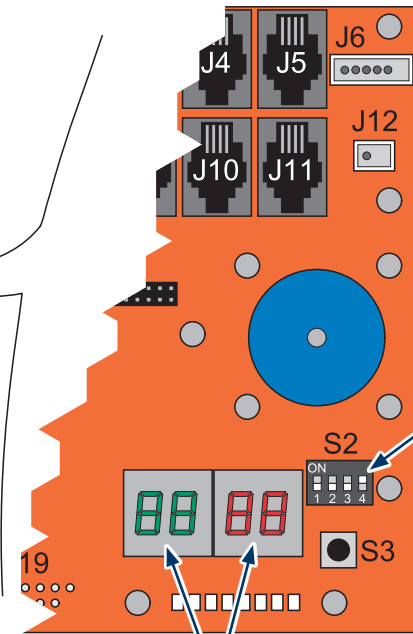
Machine
Control
Board

Note

When S3 switch is pressed, then released you will hear a steady pattern of “beeps”. When calibration is completed you will hear three short beeps.

To Calibrate...

- Slide foot section to highest stowed position.
- Unplug chair power cord.
- When the digital display darkens, move S2 switch number four to ON (up).
- Plug in chair power cord.
- When the digital display darkens, press and release S3 switch.
- When calibration is complete, unplug chair power cord.
- Move S2 switch number four to OFF (down).
- When the digital display darkens, plug in chair power cord.



Switch
Number
Four

Digital
Display