

## Tilt Actuator [002-1731-0x]

WARNING

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

#### Step: 1

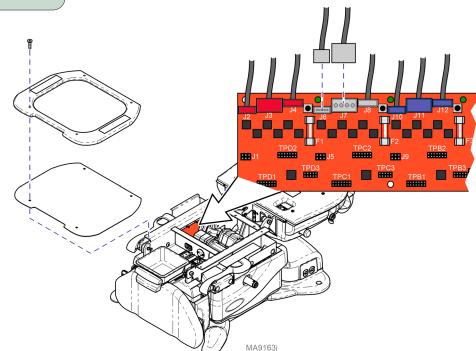
- A) Remove cladding, bail, and outer shrouds.
- B) Remove seat / back upholstery.
- *C)* Remove four screws, seat mounting board, and seat cover plate.
- D) Disconnect wire connections J6 and J7 from Motor Control Hub PC Board.



#### **Equipment Alert** The <u>wire connections</u> and <u>wire routing</u> must be put

back in original locations before installing covers.







Style G

# \_\_\_\_\_

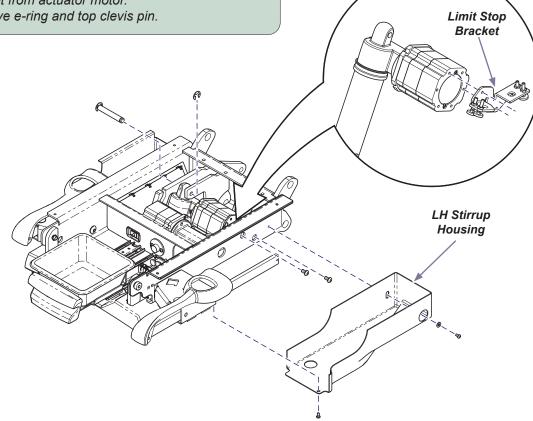
Applies to Models: 630 (-010 thru -013) 630 (-020 thru -023)

Special Tools:

Language of origin: English

#### Step: 2

- A) Remove two screws and LH stirrup housing.
- B) Remove two screws and separate limit stop bracket from actuator motor.
- C) Remove e-ring and top clevis pin.



MA9168i

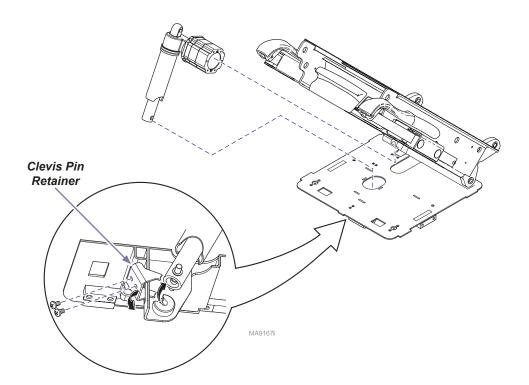


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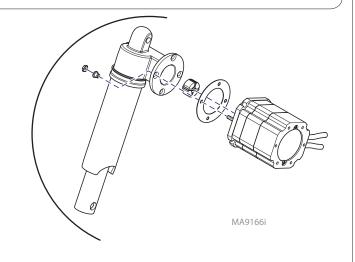
#### Step: 3

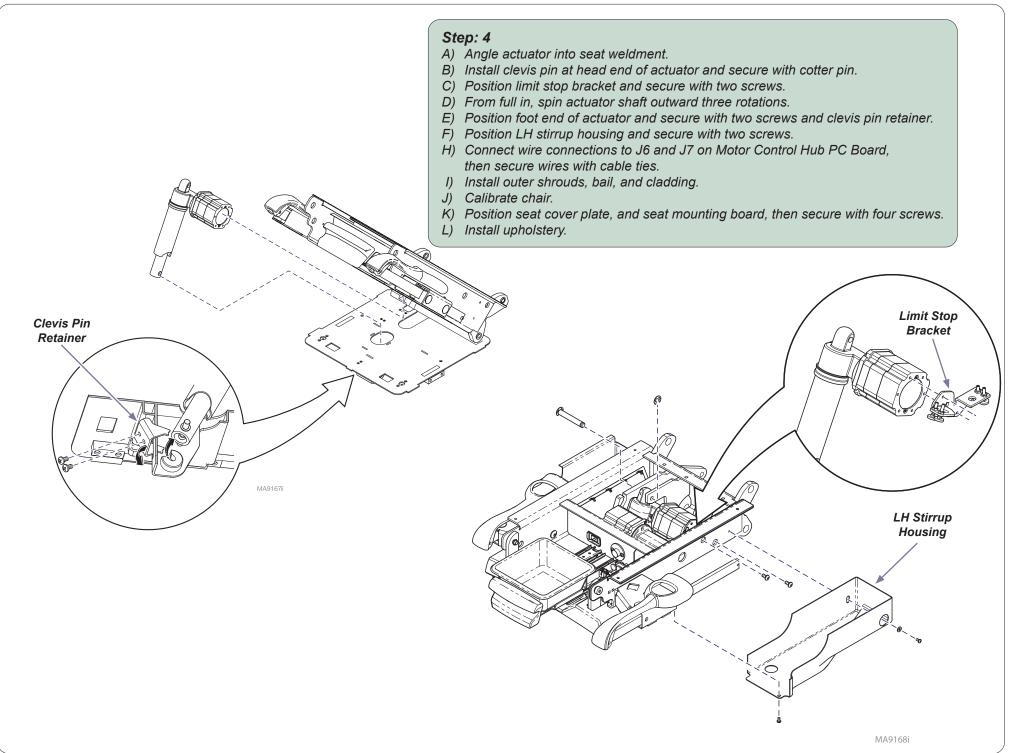
- A) Remove two screws and pull outward on clevis pin retainer.
- B) Manually tilt chair top and remove tilt actuator.



#### Note

If replacing only the actuator / coupler, refer to the illustration below. If replacing complete actuator assembly, go directly to Step 4.





TP200 Rev. A



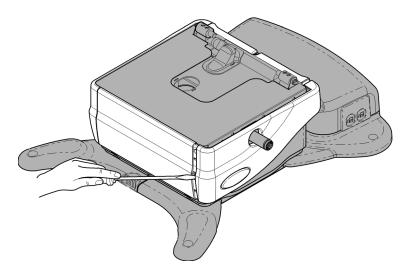
#### WARNING

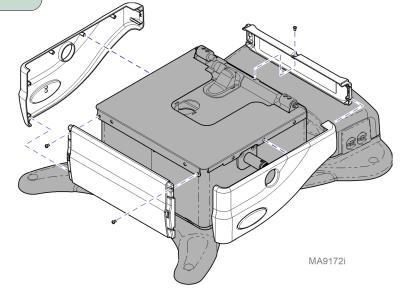
Always disconnect chair from power source before removing any covers. Failure to do so may result in personal injury.

#### To remove cladding...

- A) Insert large, flat blade screwdriver into slot at the front and the back of side cladding and twist to disengage.
- B) Unsnap side cladding to remove.
- C) Remove two screws from front cladding.
- D) Remove one screw from back cladding.

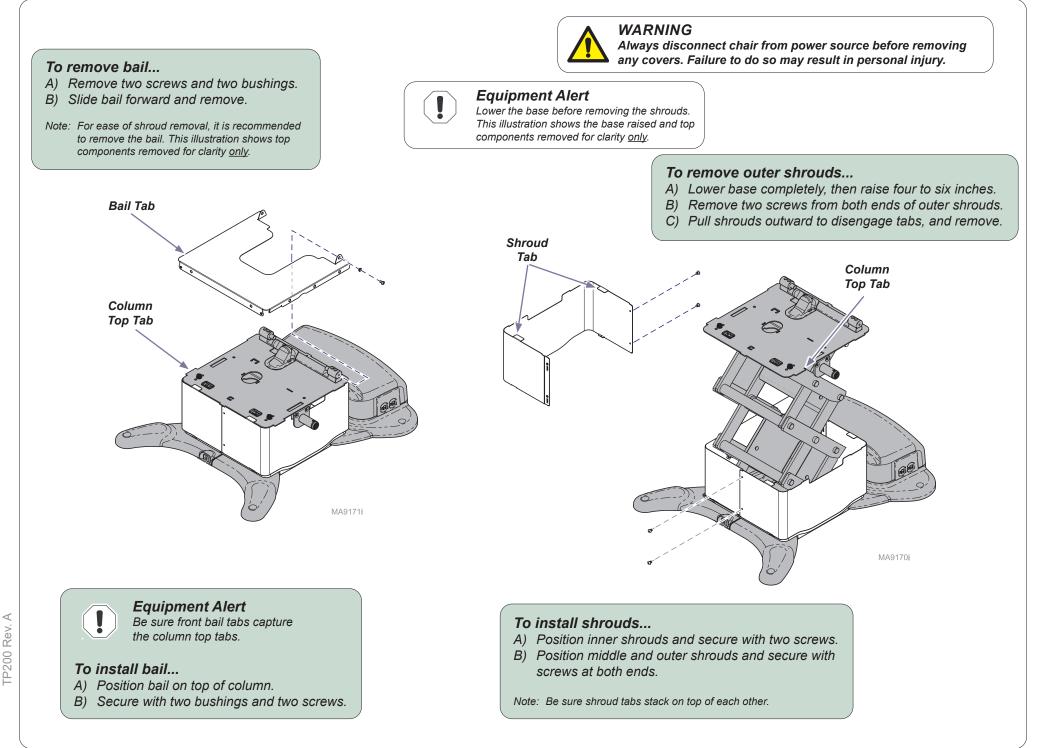
Note: These illustrations show top components removed for clarity only.





#### To install cladding...

- A) Position rear cladding and secure with one screw.
- B) Position front cladding and secure with two screws.
- C) Position side cladding and snap into place.



### **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.

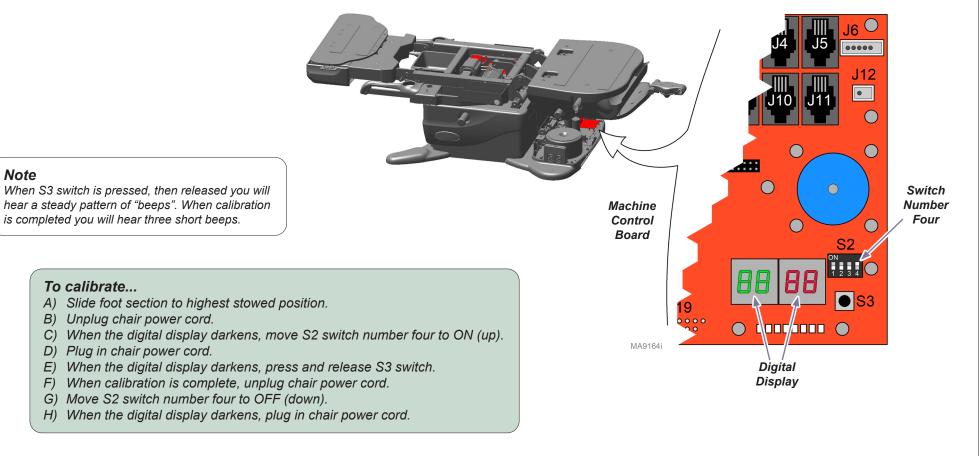
When calibration is complete, the chair will stop moving and you will hear three short "beeps".

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.



TP200 Rev. A

#### To install seat / back upholstery...

- A) Position back section of chair flat.
- B) Position front of seat section against seat mounting board.
- C) Press seat section down firmly.
- D) Position top of back section against the top of the back mounting board.
- E) Check for a consistent gap between seat and back sections.
- F) Press back section down firmly.

