

Motor Control Hub PC Board [002-1749-00]

Applies to Models:

630 (-010 thru -013)
630 (-020 thru -023)
631-001

Special Tools:

none

Language of origin: English



WARNING

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

Note

The 631-001 does not have a seat mounting board.



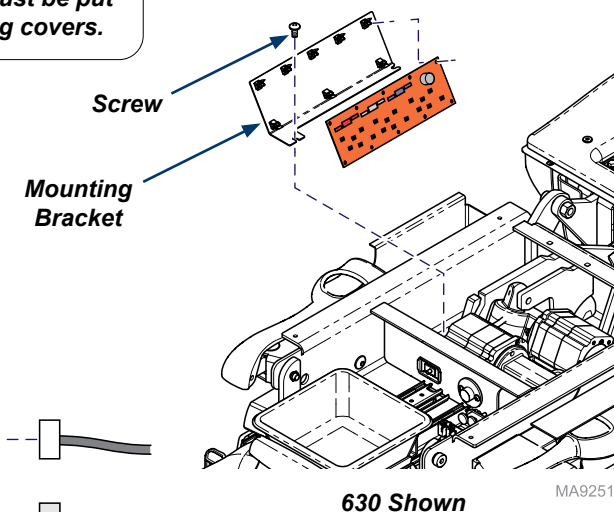
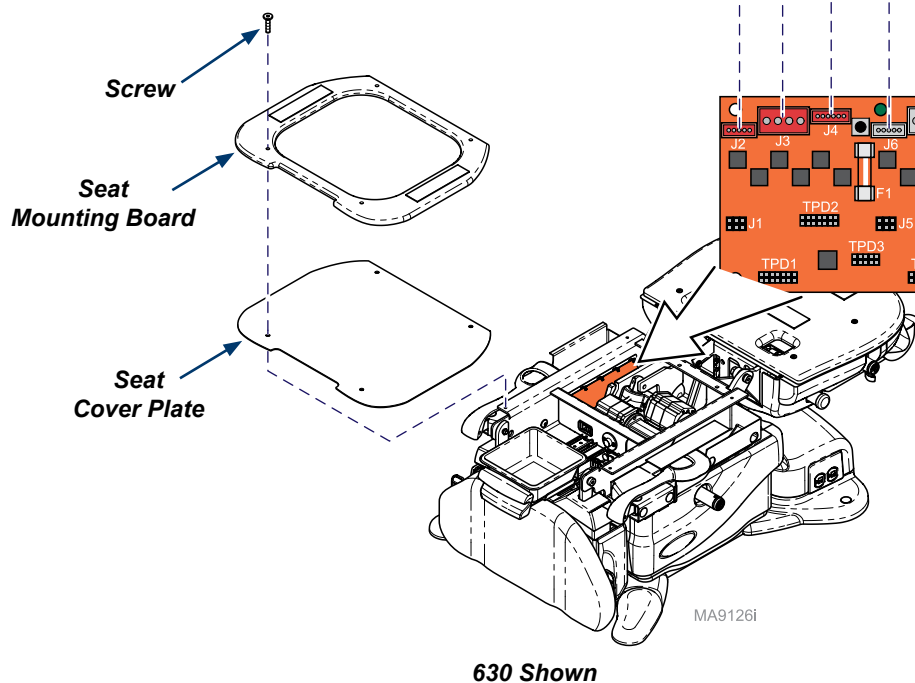
Equipment Alert

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

To remove Motor Control Hub PC Board...

- Remove seat / back upholstery.
- Remove screws, seat mounting board and seat cover plate.
- Disconnect wiring from PC Board.
- Remove two screws and mounting bracket.
- Remove PC Board.

Note: Push latches back, then lift PC Board off of mounting studs.



Equipment Alert

Anytime the limit switch wires or the actuator wires are disconnected, the chair must be calibrated.

To install Motor Control Hub PC Board...

- Install PC Board onto mounting bracket.
- Position mounting bracket and secure with two screws.
- Connect wiring to PC Board.
- Calibrate chair.
- Position seat cover plate and seat mounting board, then secure with screws.
- Install upholstery.

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.

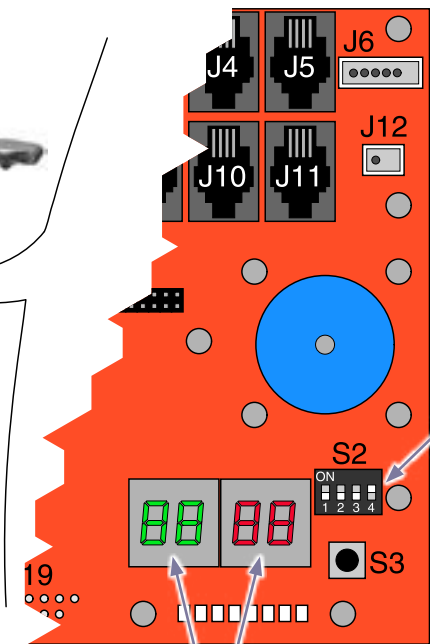


Equipment Alert

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



Machine
Control
Board



Switch
Number
Four

Digital
Display

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.

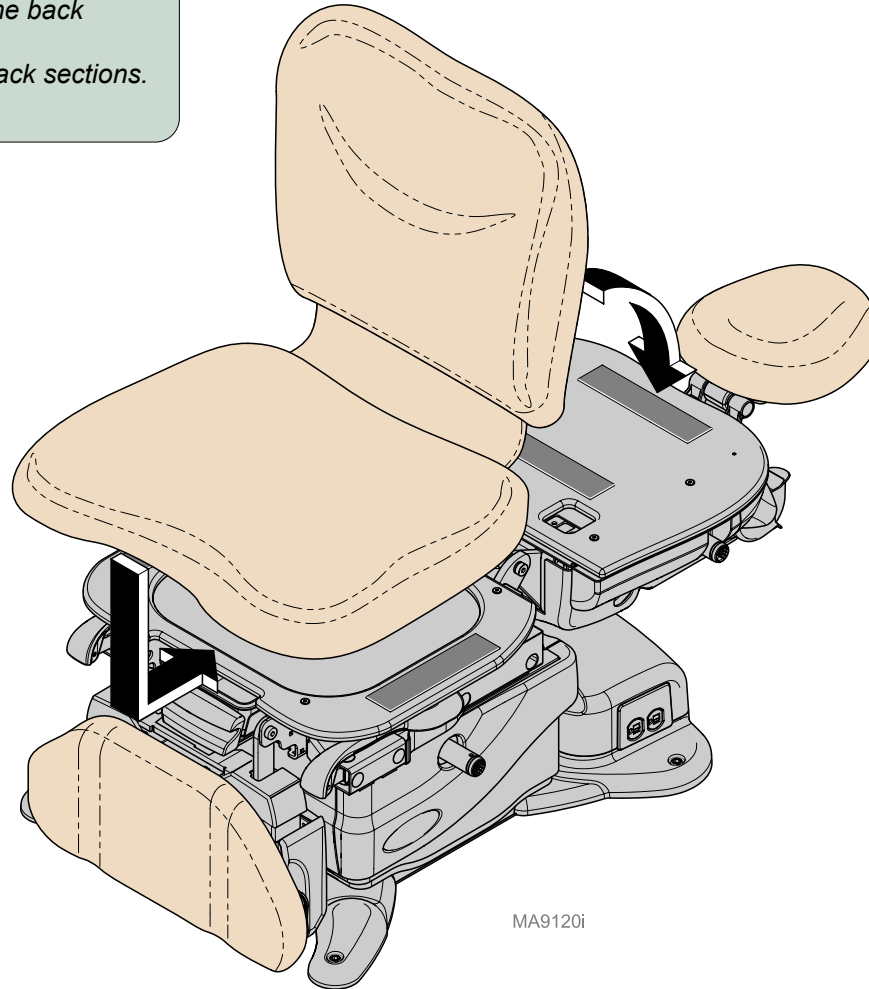
To calibrate...

- 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.

630 Models

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.



MA9120i

To install seat / back upholstery...

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

