

Med-Lift and Mobility, Inc.

Lift Chair Repair Instructions for replacing a Hubbell® Motor



The Hubbell® motor is our standard 120 volt motor and is found on our older models and is currently used on our low through mid series lift chairs.

Tools needed for this job are:

- Side cutters
- Needle nose pliers
- Hammer

Other items needed are:

- Plastic wire ties





Step 1

Unplug chair from wall outlet and turn the chair over to allow access to the underside of the chair.

Note: We recommend turning the chair over on to a clean rug or towel to prevent damaging the upholstery.

Step 2

Trace the wire coming from the hand wand to round plug coming from the base of the motor. Press the side restraint clamps, located on each side of the plug, firmly pull and unplug the hand wand from the motor.



Step 3

Remove Cotter pin from the steel pin at motor head shaft.

Step 4

Remove Steel Pin that connects the motor head shaft to the T-bar of the mechanism.

Note: If pin is hard to remove, plug the hand control back to the motor and plug power cord back into wall socket and press the up or down button on the hand wand to relieve the pressure against the pin. Once pin is removed, unplug hand wand and power.



Step 5

Standing at the back of the chair, raise the lift mechanism up with one hand. With the other hand, hold the motor shaft and bring it back towards the back of the chair and let it rest on the bottom of the seat rail

Step 6

Remove cotter pin from the steel pin that holds the base of the motor to the base of the lift mechanism.

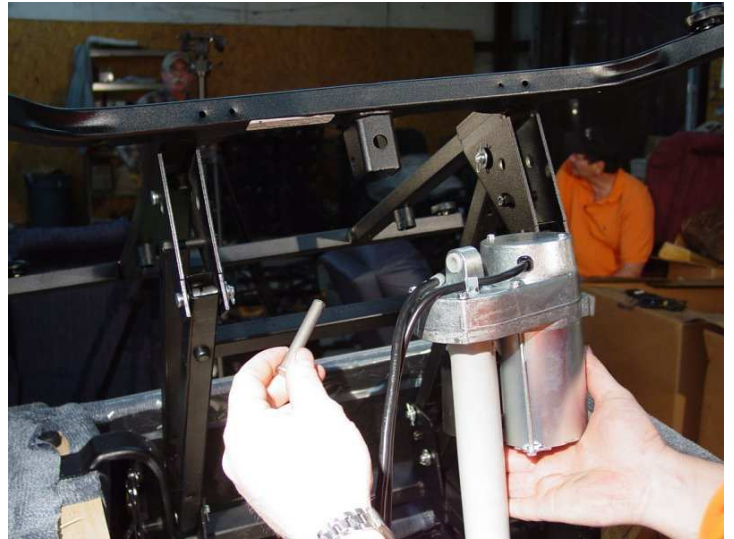


Step 8

Cut and remove the plastic wire tie that holds the motor's power cord to the lift mechanism.

Step 9

Pull the steel pin that attaches the motor to the lift mechanism and remove motor.



Installation of new Hubbell® motor

Step 1

Lift new motor into position, aligning the hole in the motor base with the holes in the motor mount of the lift mechanism.

Once you have the holes of the motor and mechanism aligned, replace steel pin.





Step 2

Replace the cotter pin into the steel pin and re-tie motor power cord to lift mechanism with a plastic wire tie.

Step 3

Standing at the back of the chair, Lift the lift mechanism up with one hand, With the other hand, guide the motor shaft towards the upper mounting bracket of the T-bar and gradually lower the lift mechanism.



Step 4

Connect hand wand to motor and plug power cord into wall socket.

Step 5

With one hand, hold the silver section of the motor shaft.

With the other hand, press the up button on the hand wand until the mounting holes of the motor shaft and the lift mechanism line up and the steel pin can be inserted. **DO NOT LET THE SHAFT SPIN.**



Step 6

With holes aligned, replace steel pin through the T-bar bracket on the lift mechanism and the motor head shaft.

Step 7

Replace cotter pin through the hole of the steel pin.

Turn chair upright and test to make sure it is operating correctly.



This completes the replacement of a Hubbell® motor.



For further assistance call Med-Lift Technical support at **(800) 748-9438** or contact us at techsupport@medlift.com or at www.medlift.com.

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