

Med-Lift and Mobility, Inc.

Lift Chair Repair Instructions for replacing a Okin® Motor



The Okin® motor is the primary motor used by Med-lift. It is a low voltage motor that is safer for daily consumer use.

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

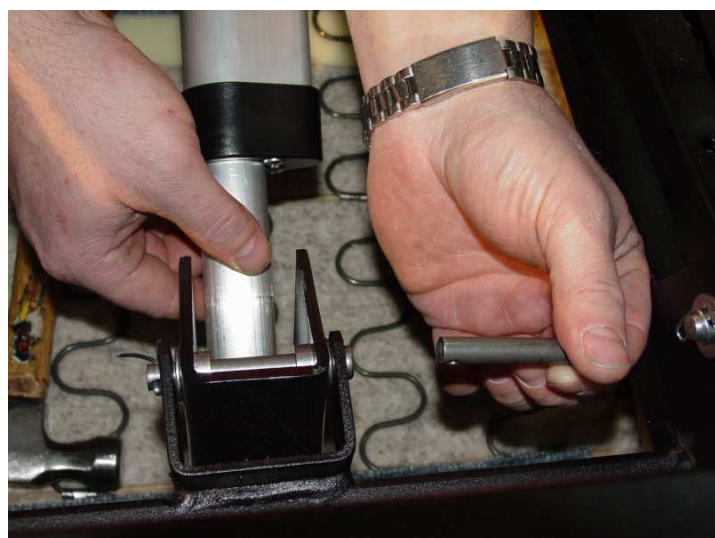
Remove cotter pin from the steel pin that runs through the T-bar on the lift mechanism and the motor shaft.



Step 3

Remove steel pin at motor head shaft.

Note: If pin is hard to remove, 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 power.



Step 4

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 5

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



Step 6

Unplug hand wand from motor.



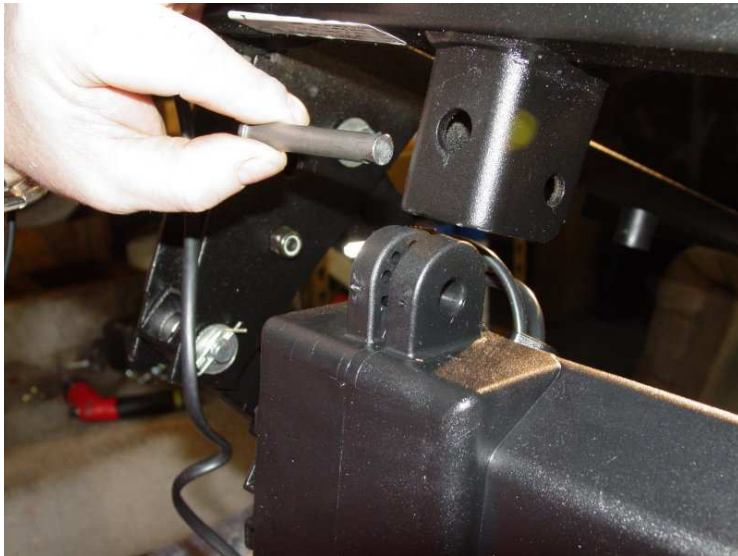
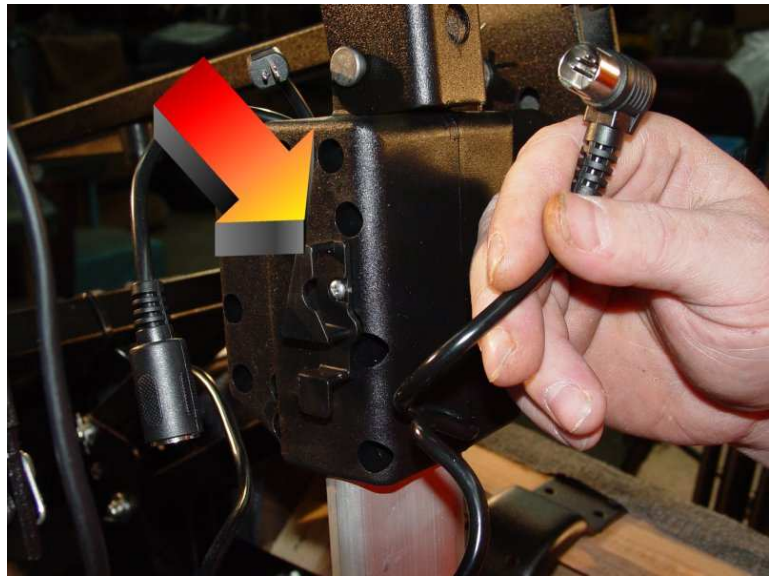
Step 8

Unplug the wire that comes from the motor going to the power transformer box.

Step 9

Remove wires from the wire restraint bracket, located on the side of the motor.

Note: Before removing wires from bracket, make note of how they are installed so they can be re-installed correctly in the new motor bracket.



Step 10

Remove the steel pin that holds the motor base to the lift mechanism and remove motor.

Note: If this motor is being replaced under warranty, make sure and keep it. Attach a note listing the serial number of the chair it was removed from and the return authorization from Med-Lift. Return it to Med-Lift as soon as possible for proper credit.

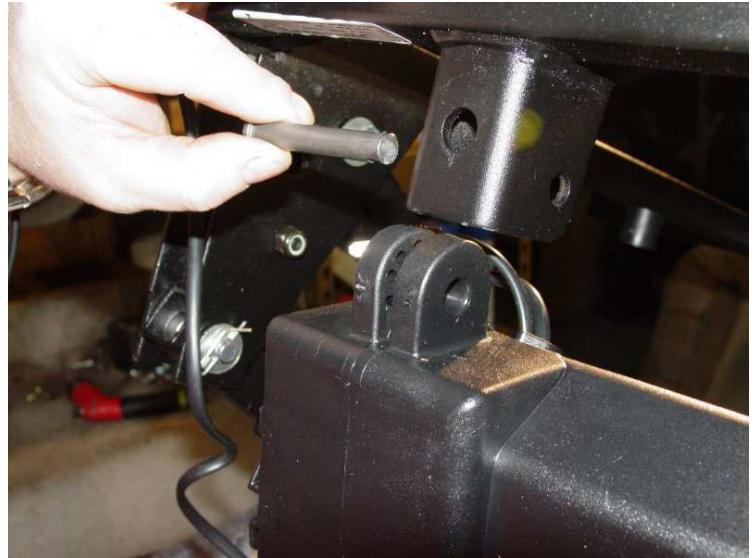
Serial numbers are listed on a white tag, located on the bottom of the lift mechanism. It will be a number displayed in a similar way as follows: 0304 – 12675. The first four numbers display the month and year of manufacturing.

Installation of new Okin® 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

Replace wires in the wire restraint bracket, located on the side of the new motor.



Step 4

Re-connect the hand wand and the power connection to the motor.

Step 5

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.

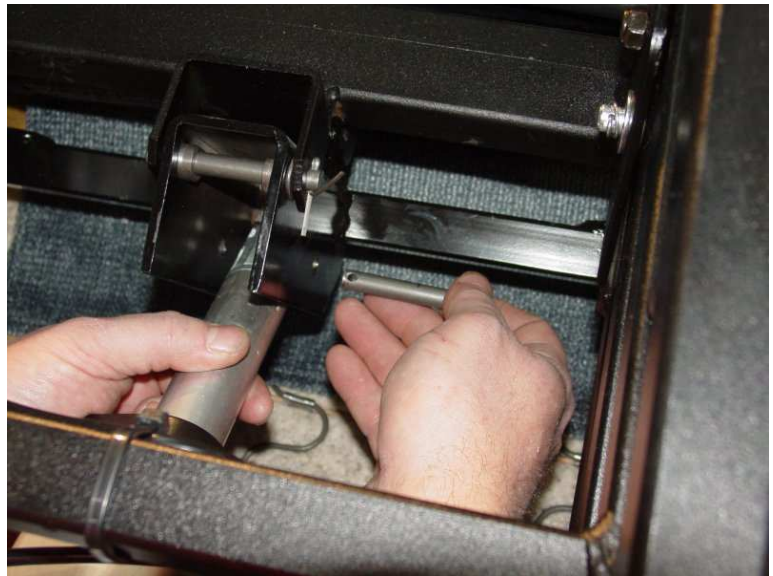


Step 6

Holding the motor shaft with one hand, press the up button on the hand wand until the holes of the motor shaft head line up with the holes in the T-bar of the lift mechanism.

Step 7

Once holes are aligned, insert steel pins through the mechanism and motor shaft.



Step 8

Replace cotter pin through the steel pin.

Turn the chair upright, plug into power outlet and test to make sure chair operates correctly.



This completes the replacement of a Okin® 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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