

L-Series Elevation Motor Replacement

1. UNPLUG TREADMILL FROM WALL OUTLET!!!

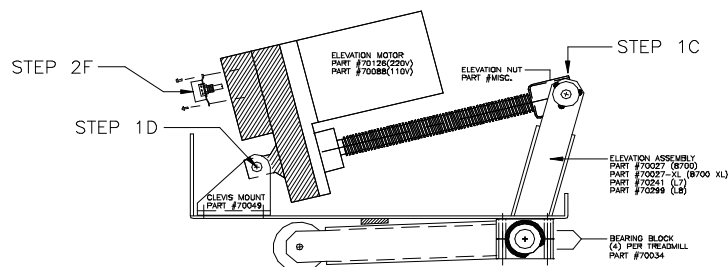
2. Removal of Elevation Motor:

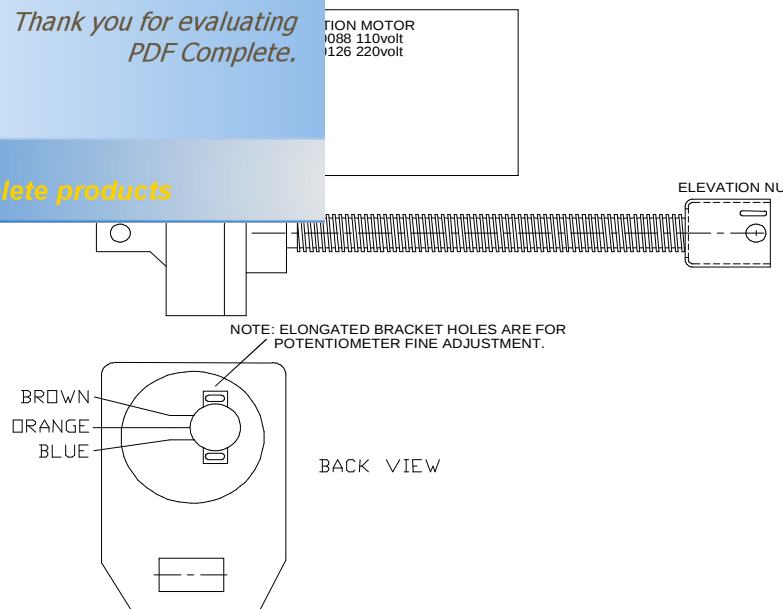
- A. Remove all weight from the elevation assembly by placing something solid under the motor pan to remove ALL weight from the elevation wheels.
- B. Disconnect the elevation motor harness from the lower board.
- C. Disconnect the elevation motor nut from the elevation assembly. To do this, loosen the two set screws and slide the two elevation pins out.
- D. Remove the elevation motor mounting pin from the clevis mount.
- E. Remove the elevation motor.

3. Installation of Elevation Motor:

- A. Enter Diagnostic Mode. (See Next Page on how to enter DIAG Mode)
- B. Align the elevation motor with the clevis mount & install the elevation motor mounting pin
- C. Insert hitch pin.
- D. Reconnect the elevation harness to the lower board.
- E. **THIS MUST BE DONE BEFORE PROCEEDING WITH STEPS F. G. & H.** Set the lowest limit switch by holding the UP elevation button for 5 seconds Then press and hold the DN elevation button until you hear the motor stop turning. Hit the DN elevation button one more time to make sure you only hear a click.
- F. For L7/L8 machines: Thread the elevation nut to where it's flush with the threads on the worm shaft.

For L9 machines: Thread the elevation nut to where 8 threads are sticking out on the elevation nut. (NOTE: For 220V elevation motors turn the elevation nut to where 7.5 threads are showing past the elevation nut).
- G. Mount the elevation nut to the leg assembly by lining up the holes on the elevation nut to the holes on the leg assembly. You may have to move the leg assembly so that the holes on the elevation nut line up. Then slide the two elevation pins through the elevation assembly and into the elevation nut. Then secure the pins with the 2 set screws.
- H. Calibrate the elevation pot. (See Next Page.)





To Enter Diagnostic Mode 70 series machines:

Turn off the treadmill.

ET's – Press MENU & START simultaneously.

PST's 2 & CT's 2 – Press NEXT & START simultaneously

PST's 4 & CT's 4 – Press ENTER & START simultaneously

ST, PT, & RTM's – Press DISPLAY & START simultaneously

To Enter Diagnostic Mode for 50/60 series machines:

Turn off the treadmill.

ET's – Press MENU & START simultaneously.

CT's – Press MANUAL (or DISPLAY ^) & START simultaneously.

All other L-series mills – Press DISPLAY (or DISPLAY ^) & START simultaneously.

***CT's that were manufactured after 09/2003** – Press DISPLAY & START simultaneously.

To calibrate the potentiometer:

1. Visually confirm treadmill is level. (0% grade)
2. Adjust the pot settings as follows:
 - All L-series mills** - The potentiometer should read 0.1
 - *CT's that were manufactured after 09/2003** should have the calibration set to 0.2
3. If the setting is incorrect, follow the steps below.
 - STEP 1:** Turn the post of the potentiometer all the way **CLOCKWISE**.
 - STEP 2:** **Slowly** turn the potentiometer **COUNTER-CLOCKWISE** until the setting is correct.
4. Carefully install potentiometer into the motor housing.

***NOTE:** The setting may vary when inserting the potentiometer into the motor. As long as the change is minimal, fine adjustment can be achieved by rotating the potentiometer while inside the elevation motor.

5. Press OFF to turn treadmill off. Then restart the machine in manual mode to test elevation by elevating the machine all the way up and down.

For Technical Assistance Call 1-800 - L A N D I C E