

## MSI Elevation Motor Instructions

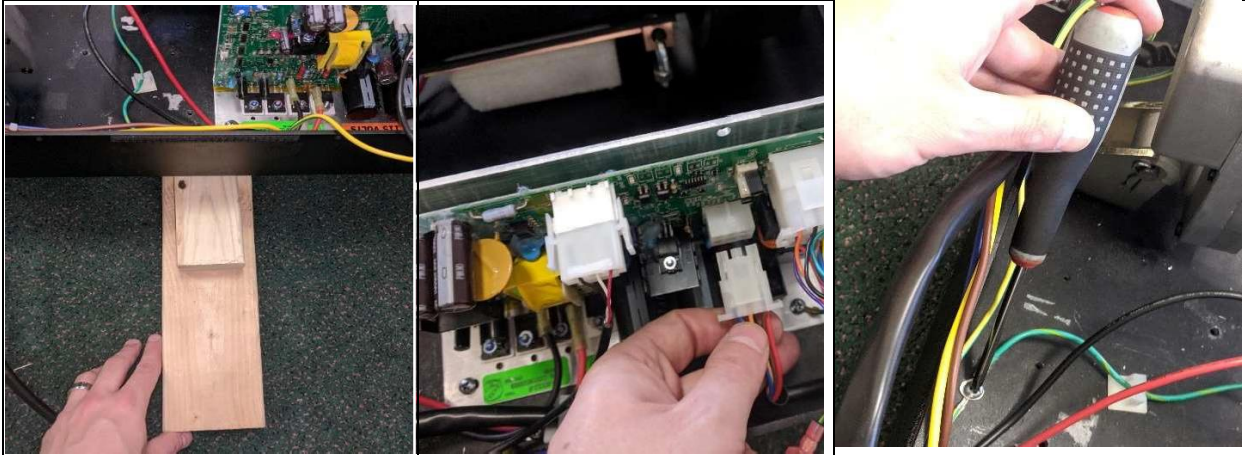
### Landice L-Series Treadmill

**INTRODUCTION:** This document is to be used for installation, removal and calibration of the MSI Elevation Motor (#70088) for the Landice L-Series treadmills.

**TOOLS REQUIRED:** Phillips Head Screwdriver, Needle-Nose Pliers, Elevation Pot Key, Rubber Mallet (optional)

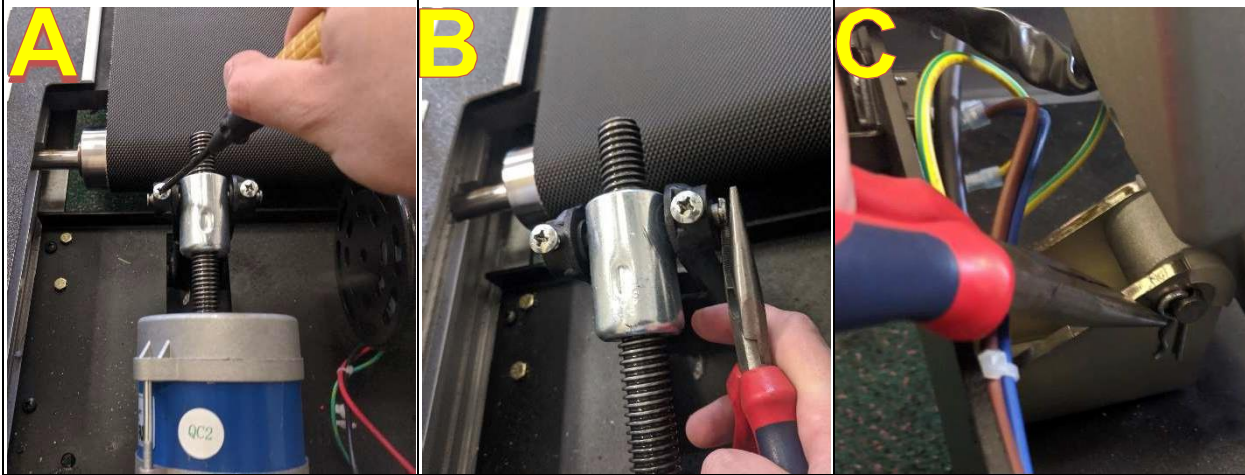
**BEFORE YOU BEGIN:** THIS IS A HIGH VOLTAGE UNIT! Please unplug from power source while replacing the motor. NEVER carry the elevation motor by the harness.

### Step 1



Begin by using a block of wood or something sturdy that can be propped underneath the motor pan. You will then power down the unit, and unplug from the power source. Next, locate the elevation harness and unplug from the lower board. Finally, use your screwdriver to remove the grounding wire.

### Step 2



Using your screwdriver, remove both screws as shown in Figure A. Next, use your needle nose pliers to remove the two elevation pins connecting the nut to the elevation legs. Now use the pliers to remove the clevis pin, as well as the clevis bolt. A rubber mallet will help you replace the clevis bolt. You should now be able to completely remove the elevation motor from the unit. To re-install, follow the directions in reverse. Proceed to the next page for Calibration Instructions.

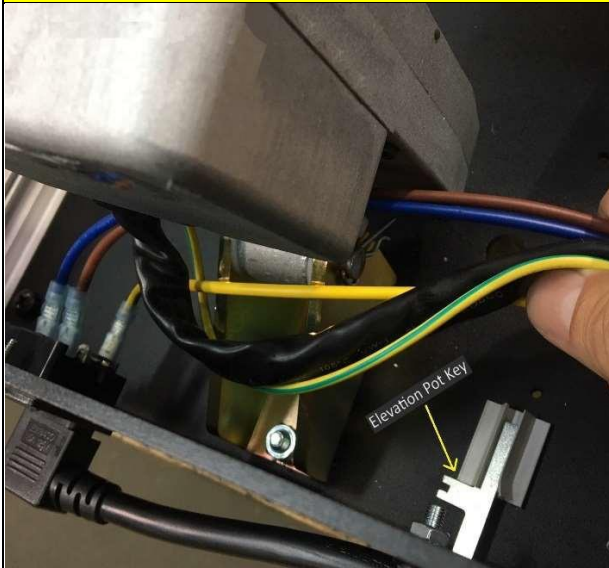
**L7 ELEVATION NUT PLACEMENT - FLUSH WITH THE WORMSHAFT**

**L8 ELEVATION NUT PLACEMENT - WORMSHAFT 3 TURNS IN**



## MSI Elevation Motor Calibration Process

**NOTE - It is helpful to have two people to calibrate the pot!**



For new Landice units, the elevation pot key will be located in the motor pan, as shown above. If replacing an elevation motor on an older unit, the key will be bound along the grounding wire. **NOTE: Needle nose pliers can be used in the event the pot key is lost.** Remove the POT sticker to expose the elevation pot and proceed to the next step.



**PLEASE NOTE - ELEVATION POT IS PRESET TO 0.0 IN FACTORY. ONLY ADJUST THE POT IF NEEDED!**

Enter into Diagnostic mode using the specific button combinations for your model treadmill. Ensure you have elevation motor movement by pressing **Incline Up** for 5 seconds. Next, press **Incline Down** until the elevation motor is at the lowest limit and stops moving. Using the elevation pot key, adjust UP (clockwise) or DOWN (counter-clockwise) until you have reached the desired pot setting. Power down the unit, and restart as normal.