

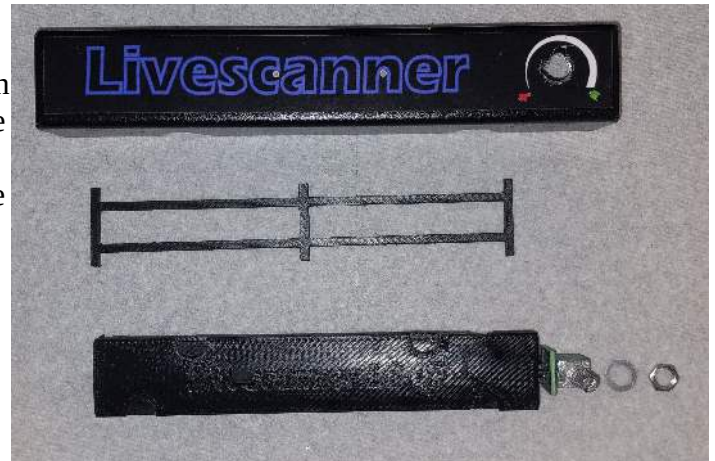
Pedal Upgrade Instructions

The pedal upgrade kit comes with a new lid sticker, foot-pedal circuit board, speed control potentiometer and plastic board spacer.

Start by removing the screws that hold your old foot-pedal circuit board. There are usually two, one on either side of the old 10 segment LED speed display (now obsolete). Next, remove the nut and washer holding the old potentiometer in place. After screw and nut removal, remove the old circuit board and potentiometer. Sometimes there is silicone attaching the board and potentiometer to the metal cover and it will need to be pried out with a flat screwdriver. Take care not to bend the side tabs on the metal cover.

Note: *The old circuit board may be destroyed during removal but it is not used and can be discarded.*

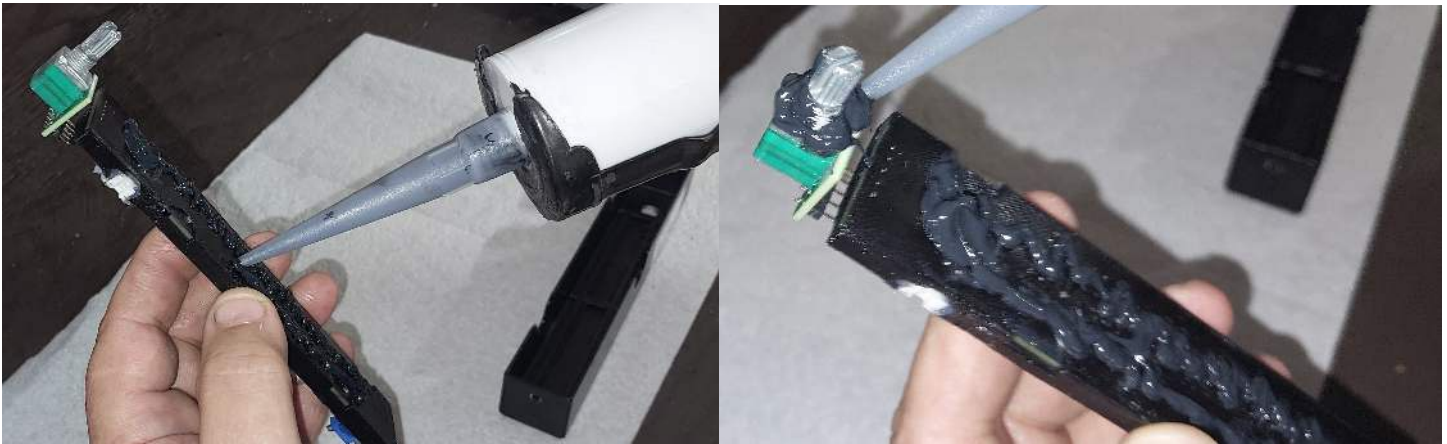
Apply the new sticker to the top of the metal cover, taking care to align the gray circle for the speed control over the existing hole. Once the sticker is affixed, use an Exact-o blade or something similar to cut the gray circle out of the sticker to make room for the new speed control potentiometer. The picture to the right shows the sticker, properly applied, to the top of the metal cover. The picture also shows the proper stack up of parts in the next step.



Apply RTV silicone to the inside of the metal cover in two strips that correlate to the shape of the plastic board spacer. Place the plastic board spacer into the wet silicone as shown in the picture.



Apply more silicone to the bottom of the foot pedal circuit and around the speed control potentiometer as shown in the images.



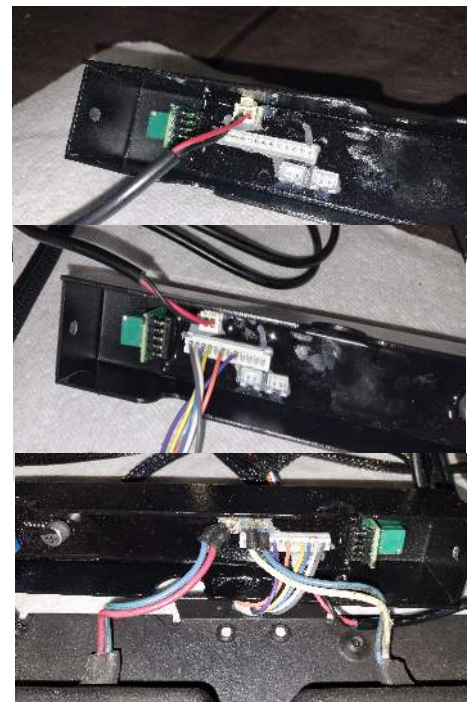
Insert foot pedal circuit board into metal cover and press into silicone. Install washer and nut onto speed control potentiometer and tighten. Do not over tighten, snug is fine as once the silicone sets the knob and circuit board will be very securely attached to the cover.

Properly installed, the circuit board and potentiometer should look like this image.



Attach the locking power connector, 12 pin harness and foot pedal switch leads to the circuit board as shown in the images.

Note: Take care to not pull on the circuit while the silicone is wet. Typically it stays in place during this process, but until the silicone sets it can pull out.



Next, route power wire and wiring harness through the locking clamp in the pedal base. Make sure to leave enough slack for the wires to reach the circuit board without putting stress on the connectors and make sure to capture the expandable mesh sleeve in the clamp. Finally, attach completed cover assembly to the pedal base, taking care to not pinch any wires between cover and base, and install two retaining screws on either side of the cover.