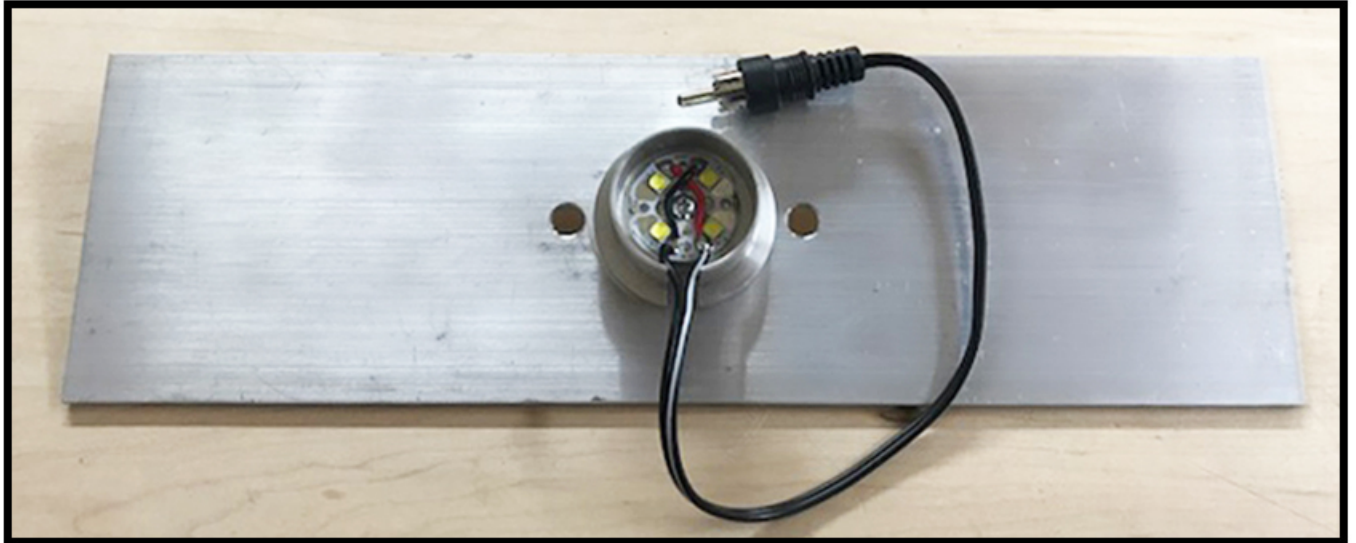


# UltraLite Installation Guide

After unpacking everything, please note that you have received the following items necessary for the installation of the new UltraLite module for your Universal:



UltraLite Module



Diffuser

1/8" Hex Wrench



Remote Jumper Cable

# UltraLite Installation Guide



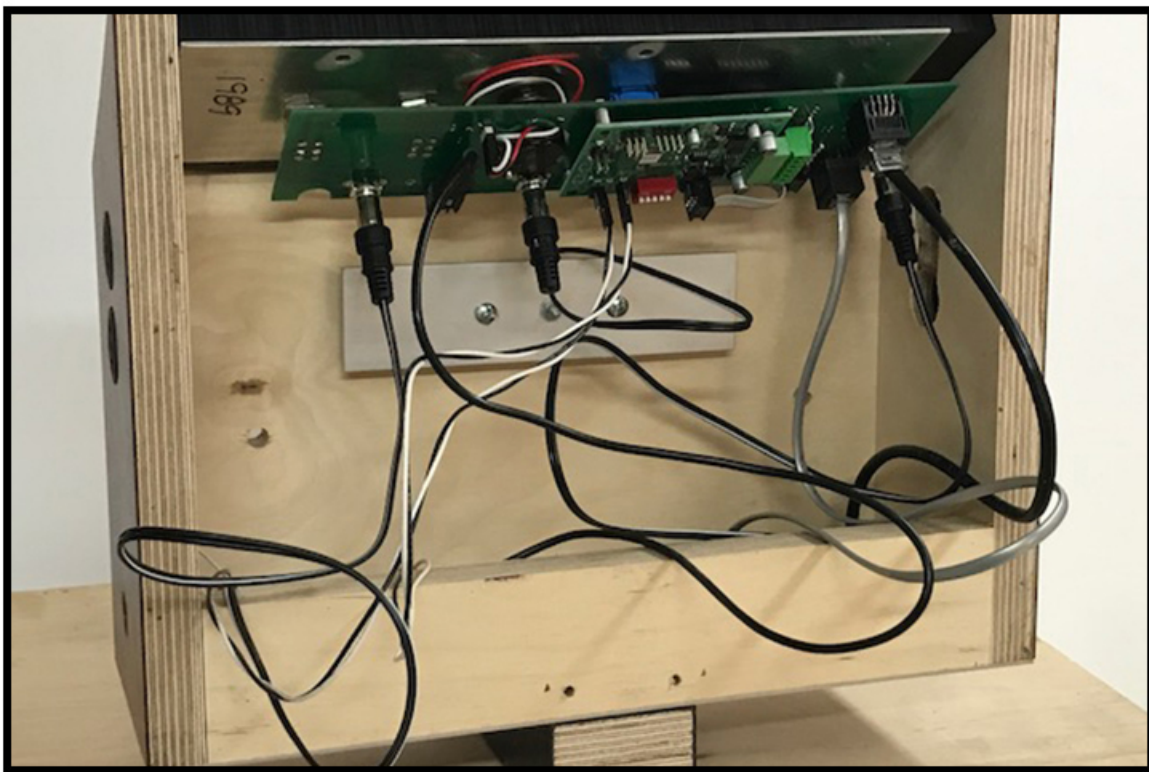
First, remove the camera and any gate that might be on the unit. Then be sure to unplug all cables in the back of the Universal and gently move them aside.



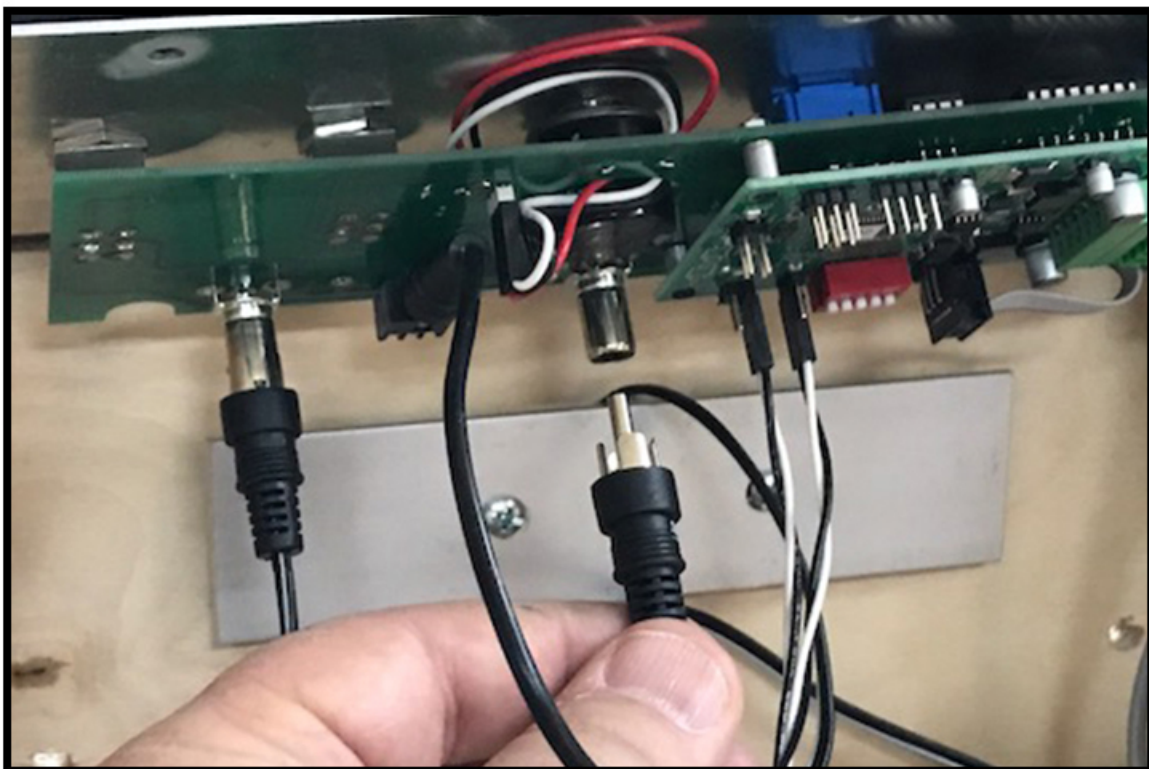
Lay the unit on its back and remove the 4 screws holding the base to the control box. Please note orientation of the rounded front edge of the base.



# UltraLite Installation Guide

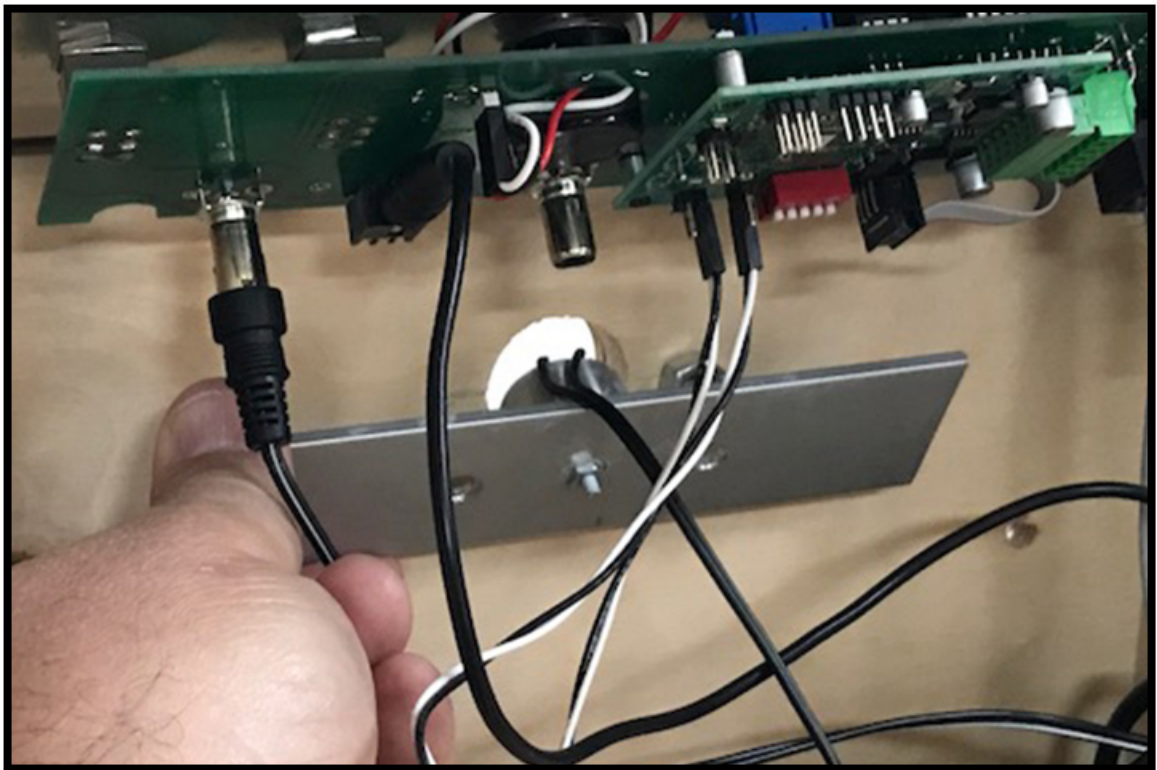
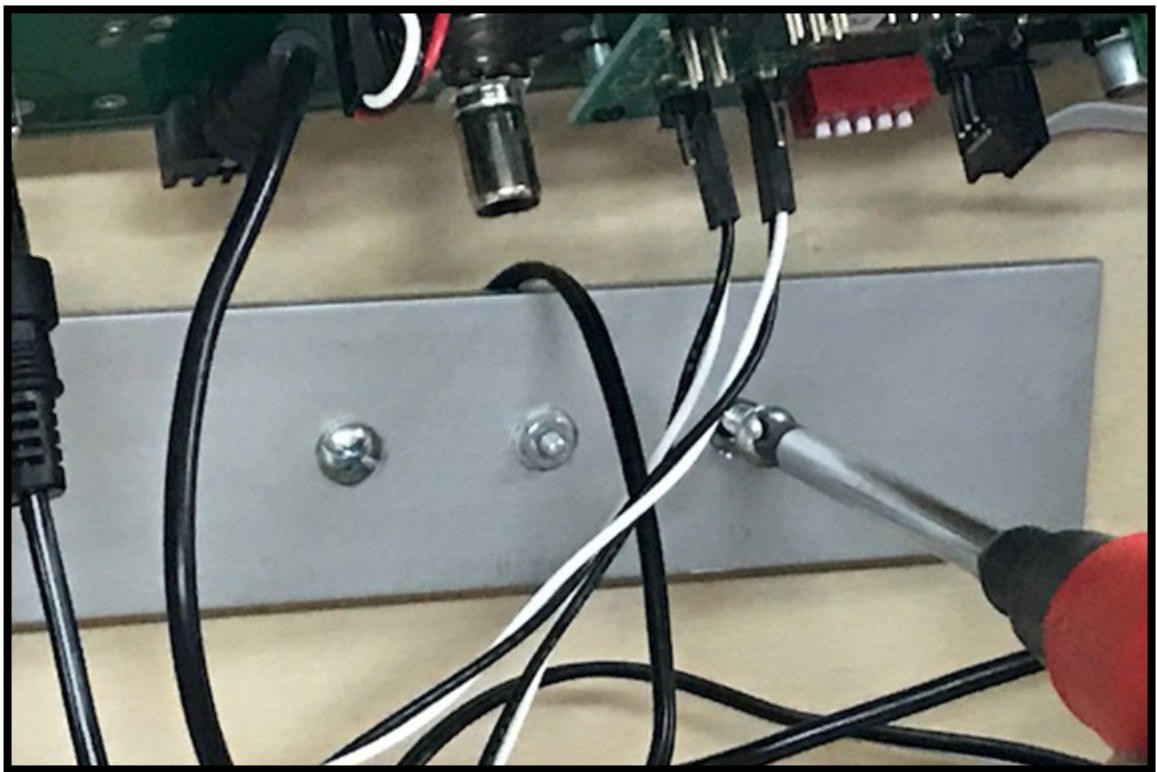


Remove the base and set aside. Carefull sort the various wires to make sure they are not tangled but do not unplug any connections.



Unplug only the power cable for the LED backlight as shown.

# UltraLite Installation Guide



Use a medium phillips screwdriver to remove both screws. Be sure to account for the two nuts used as spacers behind the aluminum plate and remove them. Carefully remove the old LED module and gently pull it free of the box.



# UltraLite Installation Guide



Set the unit up right and remove the small plastic plug on the back panel. You will note there are small "ears" that stick out of the plug that may need to be squeezed from the inside to allow the plug to be removed easily. Alternately, you can also use a screwdriver to push the plug out from the inside.

# UltraLite Installation Guide



If they have not already been removed, unscrew the locking nut and washer from the remote socket set supplied with the kit. Slide the locking nut and washer off the wire completely and set aside.



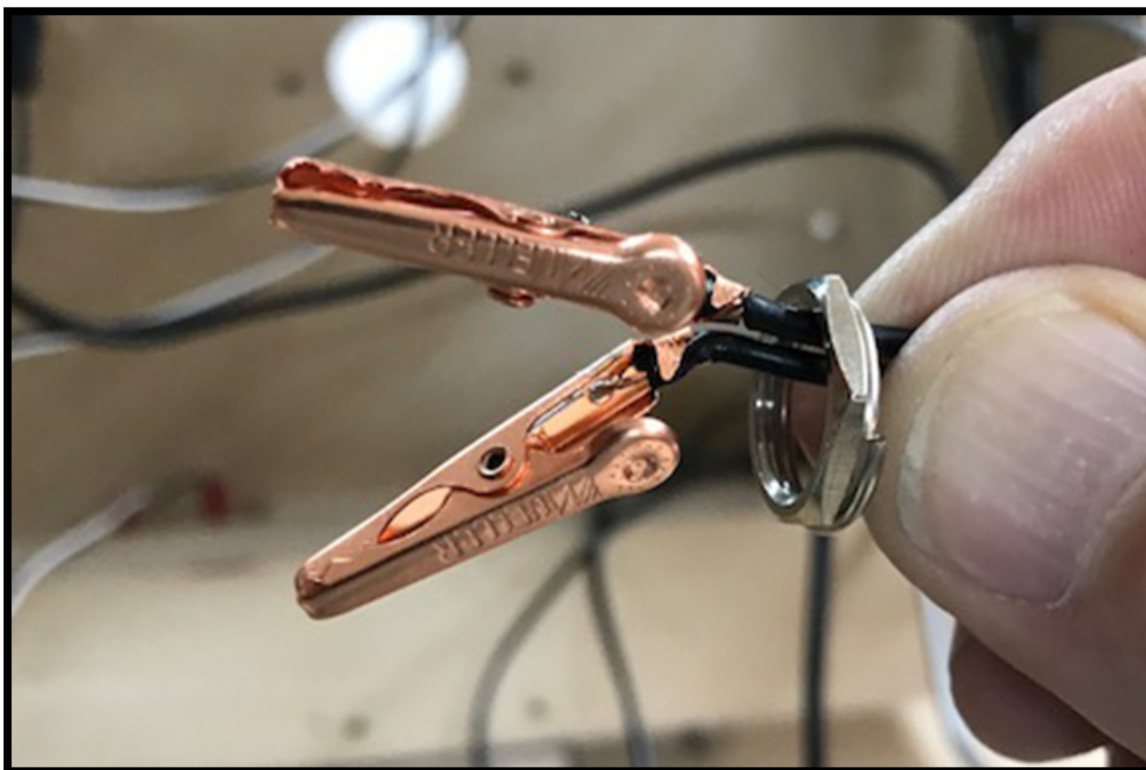
Carefully insert the two clips through the hole and thread the length of the wire fully through the panel and into the box.



# UltraLite Installation Guide

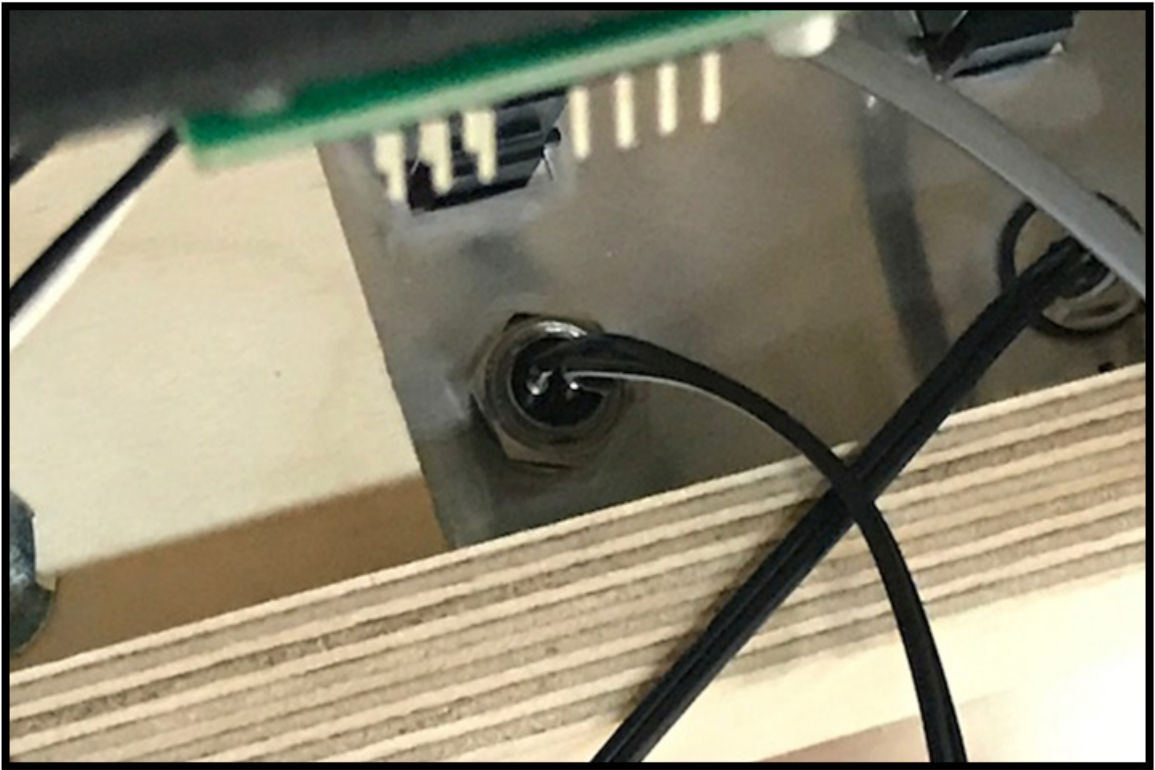


Push the remote socket into place on the back panel and then lay the unit on its back once again to gain access to the inside.

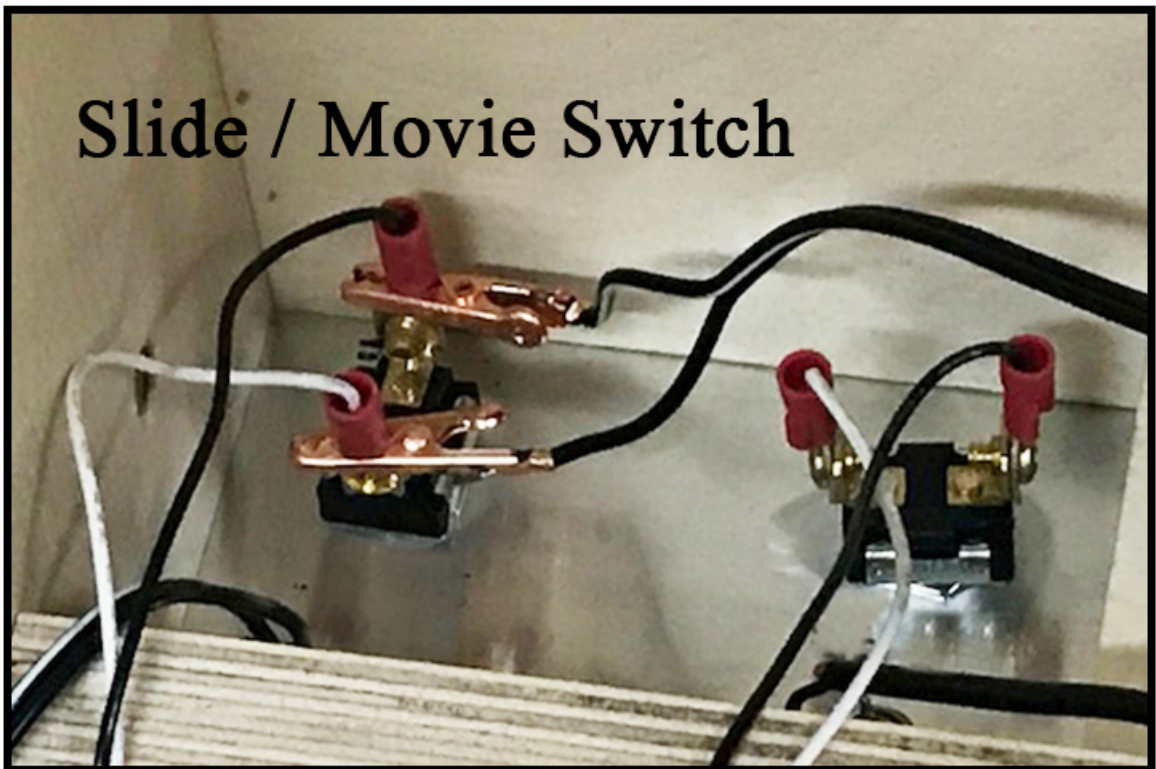


Thread the locking nut and washer over the clips and down the length of the wire inside the box to the back of the remote socket.

# UltraLite Installation Guide



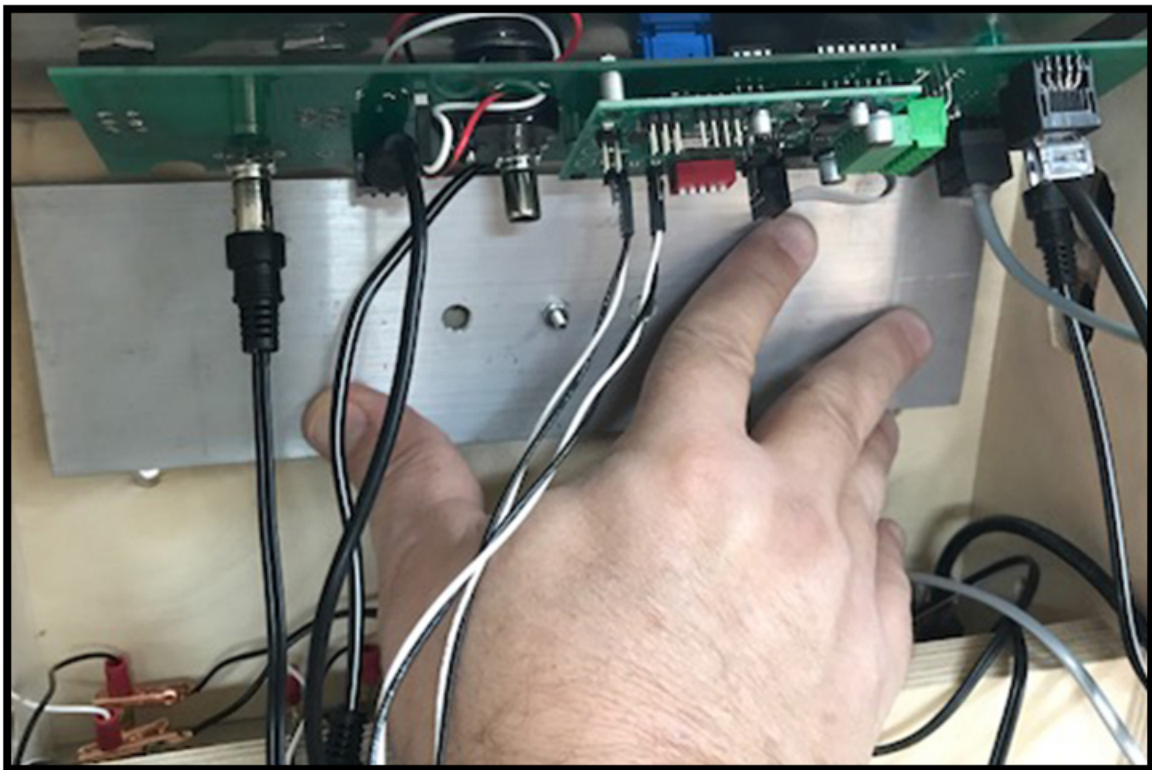
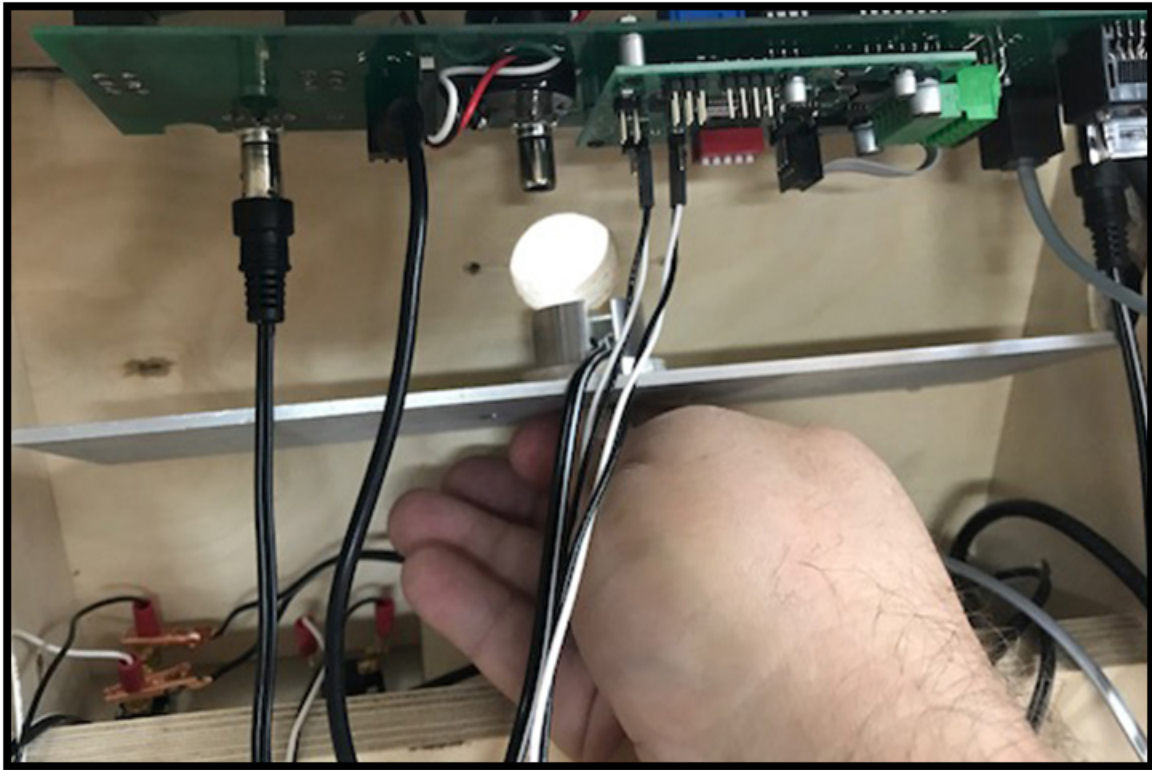
Tighten the locking nut until snug to secure the remote socket to the panel.



Attach the clips to the terminals of the SLIDE / MOVIE switch as shown. Please be certain that you are connecting the clips to the SLIDE / MOVIE switch only. The clips must attach to the metal part of the terminals and not the red insulators.

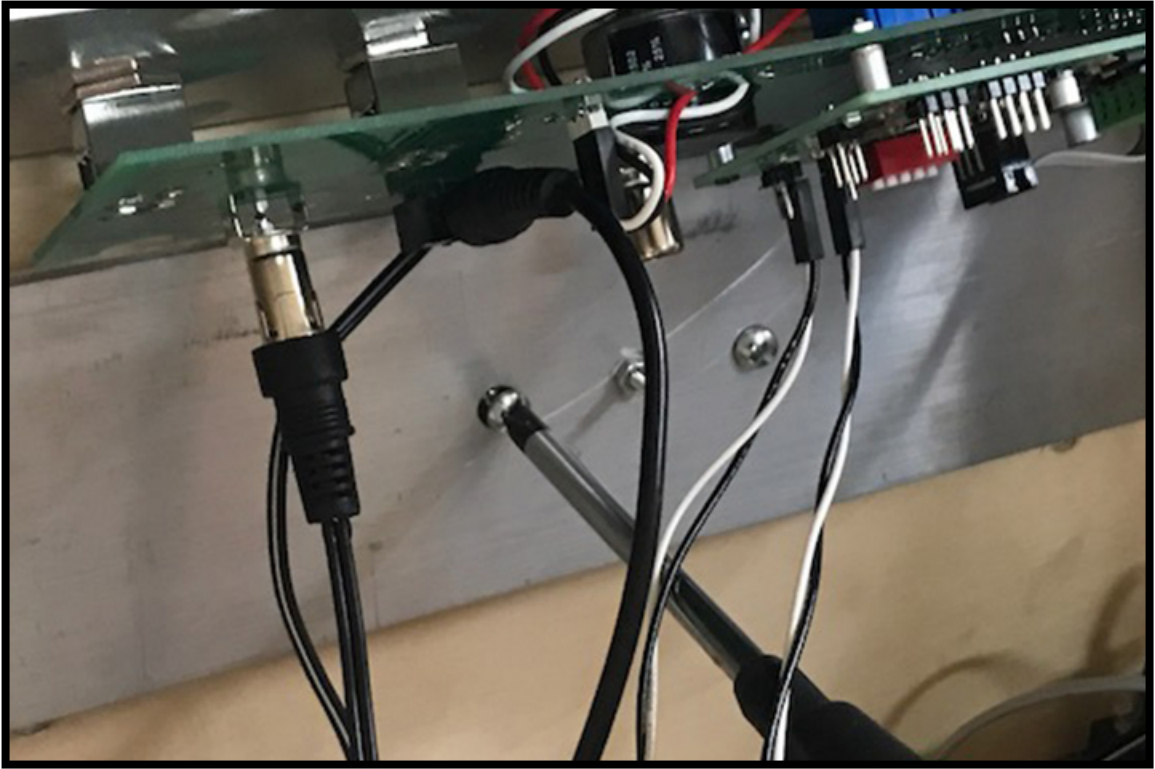


# UltraLite Installation Guide

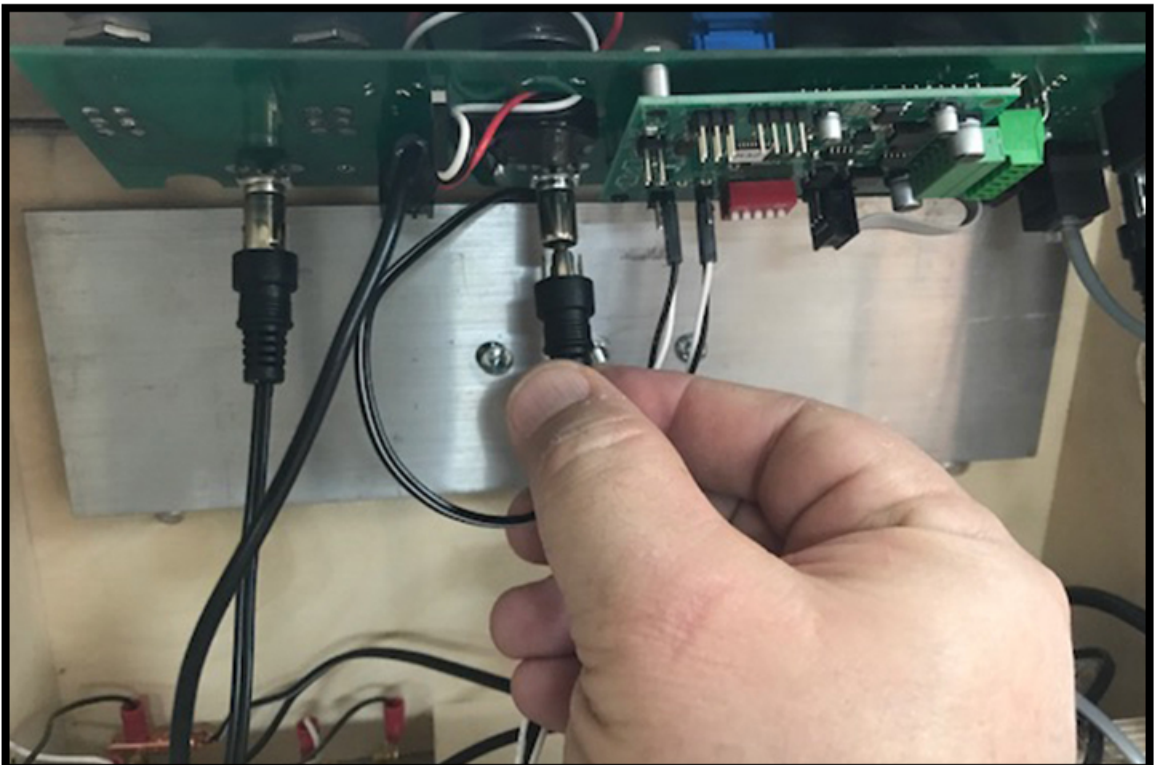


Carefully guide the new UltraLite module past the internal wires and insert into the hole as shown then press into place. NOTE: There is no need to use the previous nuts as spacers. Just press into place and the unit will stop at the correct placement.

# UltraLite Installation Guide



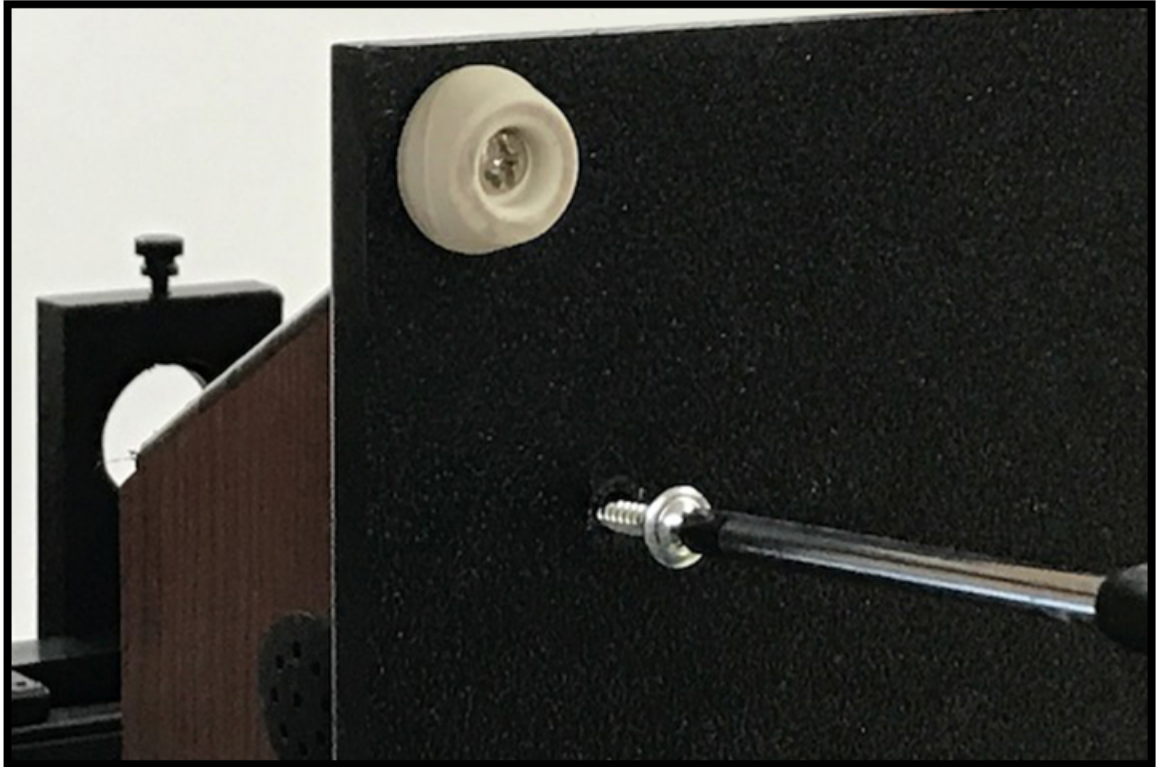
Insert the two phillips screws previously removed and tighten snug. It is okay if the screws go in at a slight angle. Do not over-tighten as you may strip the threads in the wooden base.



Plug the new UltraLight module into the power jack on the circuit board as shown.



# UltraLite Installation Guide



Reattach the base to the control box using the 4 screws. Make sure that the rounded edge is at the top for correct orientation and a proper fit.



Locate the small round diffusion disc. Check both sides carefully and remove any protective film that might have accidentally been left on the disc. Insert disc as shown and press into place. It can be removed easily, if necessary.

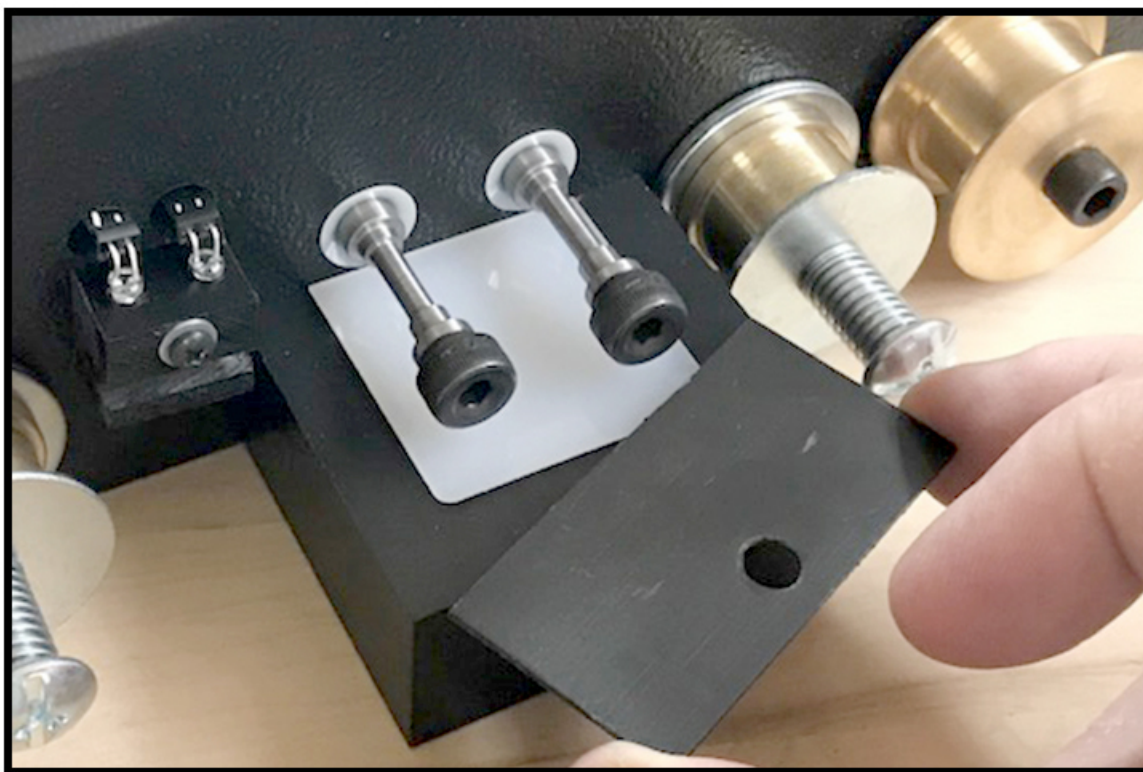
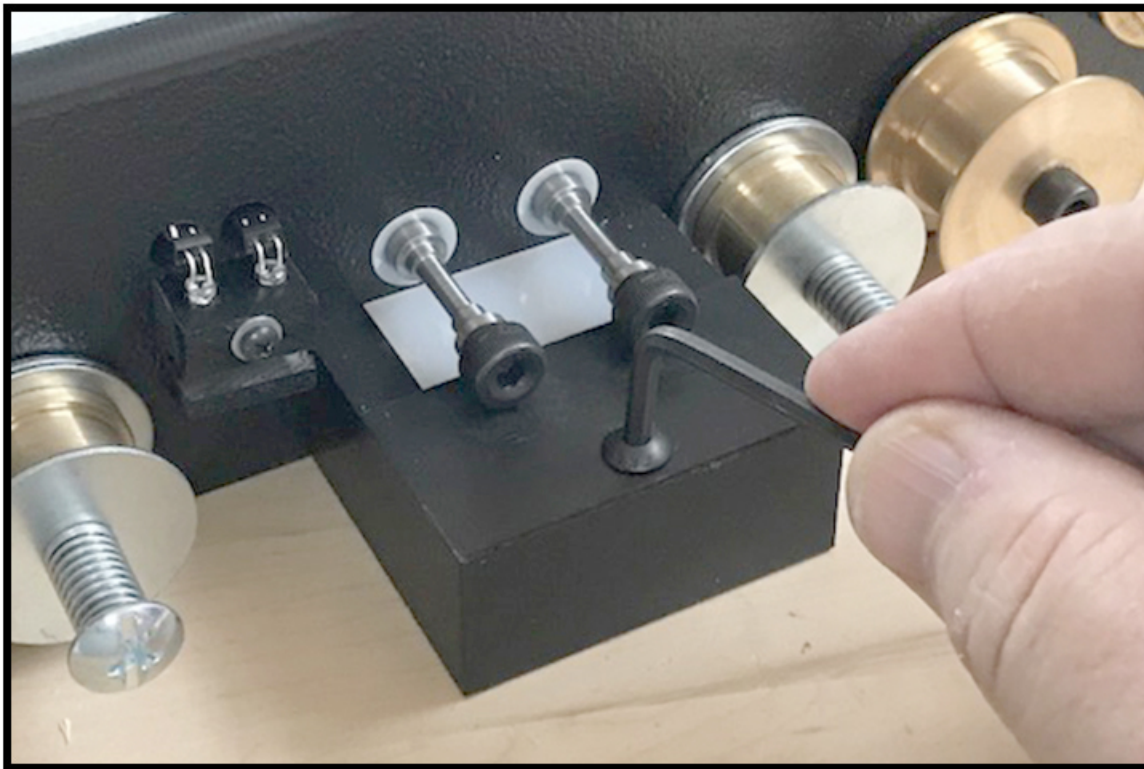
# UltraLite Installation Guide



If you have the 2K camera, plug the remote cable into the socket. and leave the rear "MOVIE/SLIDE" switch in the "MOVIE" position. The 2K camera's "STILL" position will prevent the motor from running so you can focus on a still frame using the "LIVE" mode of the 4.0.1 software. The "SCAN" position will return the Universal to normal operation. If you have the regular HD camera, you can do the same thing by switching the unit between "SLIDE" and "MOVIE" mode on the back panel. 12

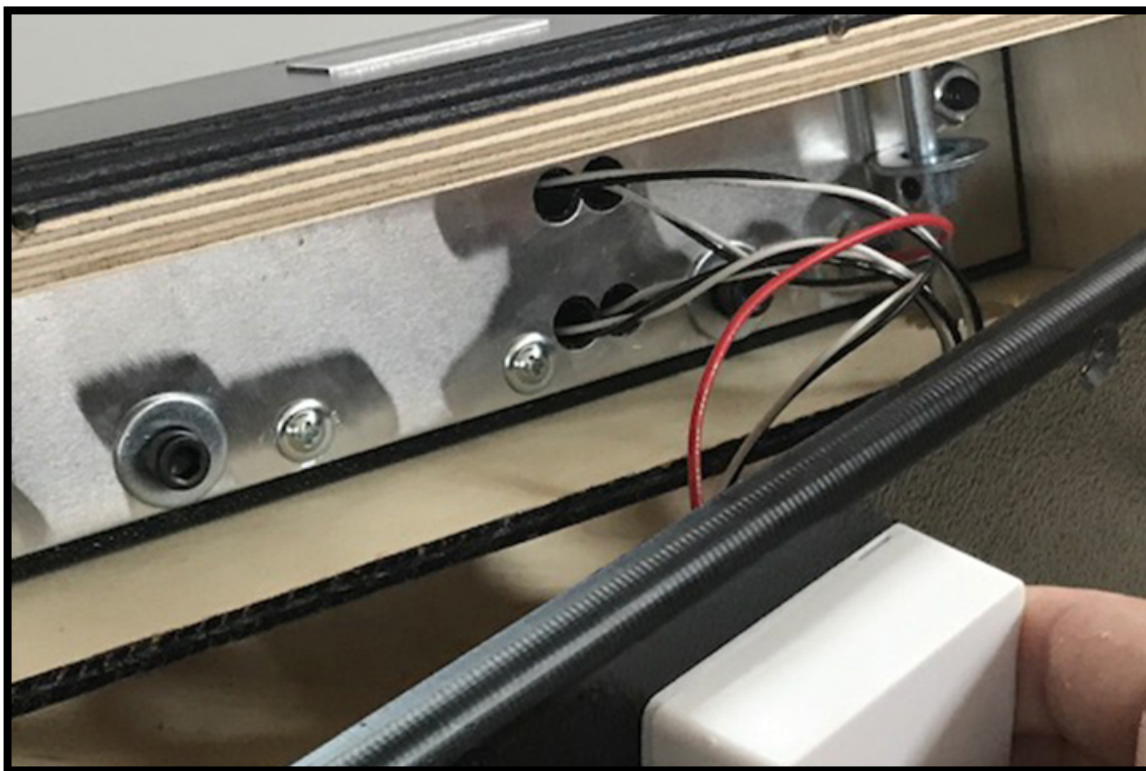


# UltraLite Installation Guide



Use the supplied 1/8th" hex wrench and remove the light shield from all gates that you are going to use with the new 2K Universal. Set the screw and light shield aside but do not lose them.

# UltraLite Installation Guide



Use a medium phillips screwdriver and remove all 4 screws from the back of the gate being worked on. Carefull remove the back panel to gain access to the inner grounding plate of the gate.

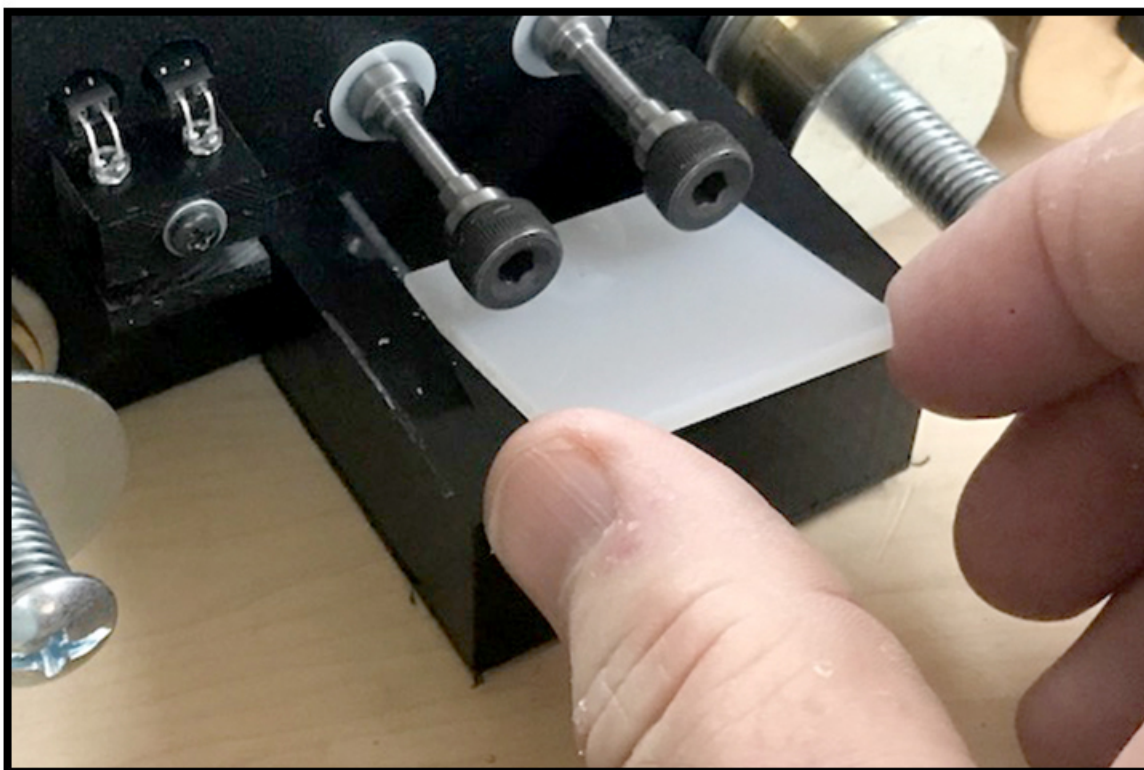
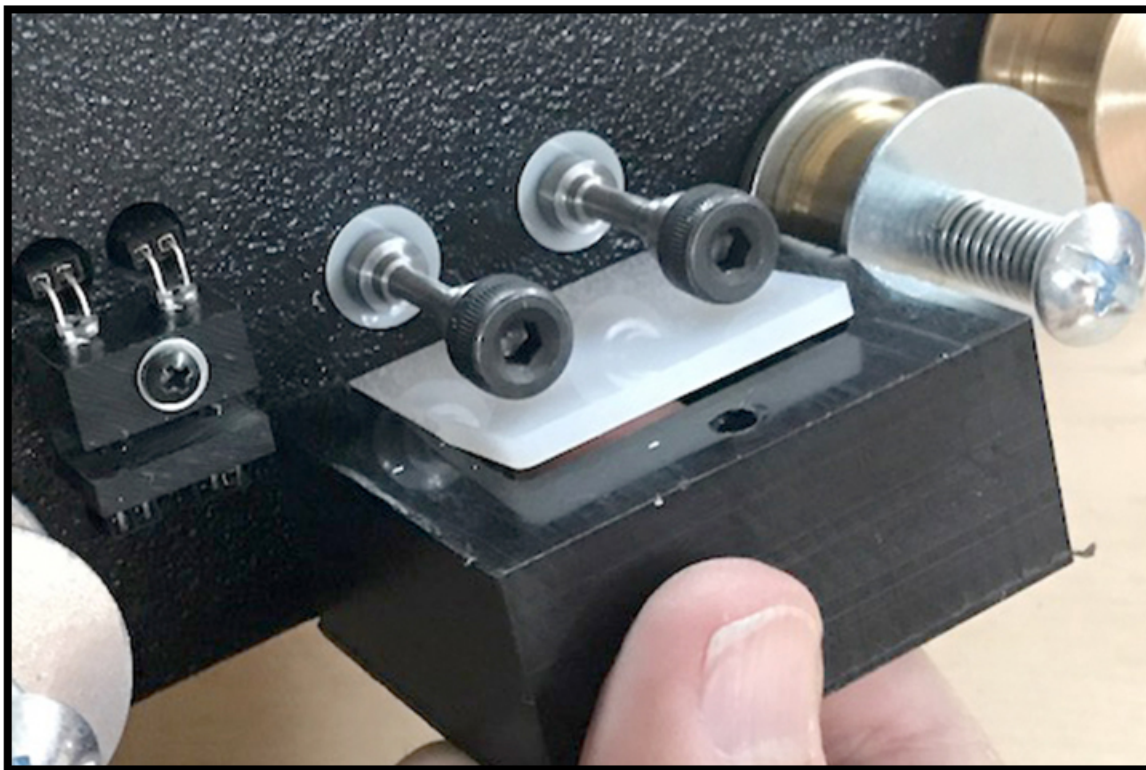


# UltraLite Installation Guide



Loosen the two silver screws that hold the diffusion box to the front of the gate.

# UltraLite Installation Guide



Use your finger to gently push up on the diffuser and remove it from the gate.

NOTE: On some gates, it may be possible to simply remove the diffuser without having to open up the gate or loosen any screws.



# UltraLite Installation Guide



Set the gate down on a flat, even surface and hold in place. Make sure the diffuser box is flat against the surface as well and tighten the two silver screws firmly.



Carefully close up the back panel, taking care that no wires get caught at the edges. Replace and tighten all 4 screws.

# UltraLite Installation Guide



Replace the light shield on the gate and tighten the screw using the provided 1/8" hex wrench. Be sure to match the right light shield with the proper gate as each shield is a different width depending on the format of the gate.

LAST PAGE