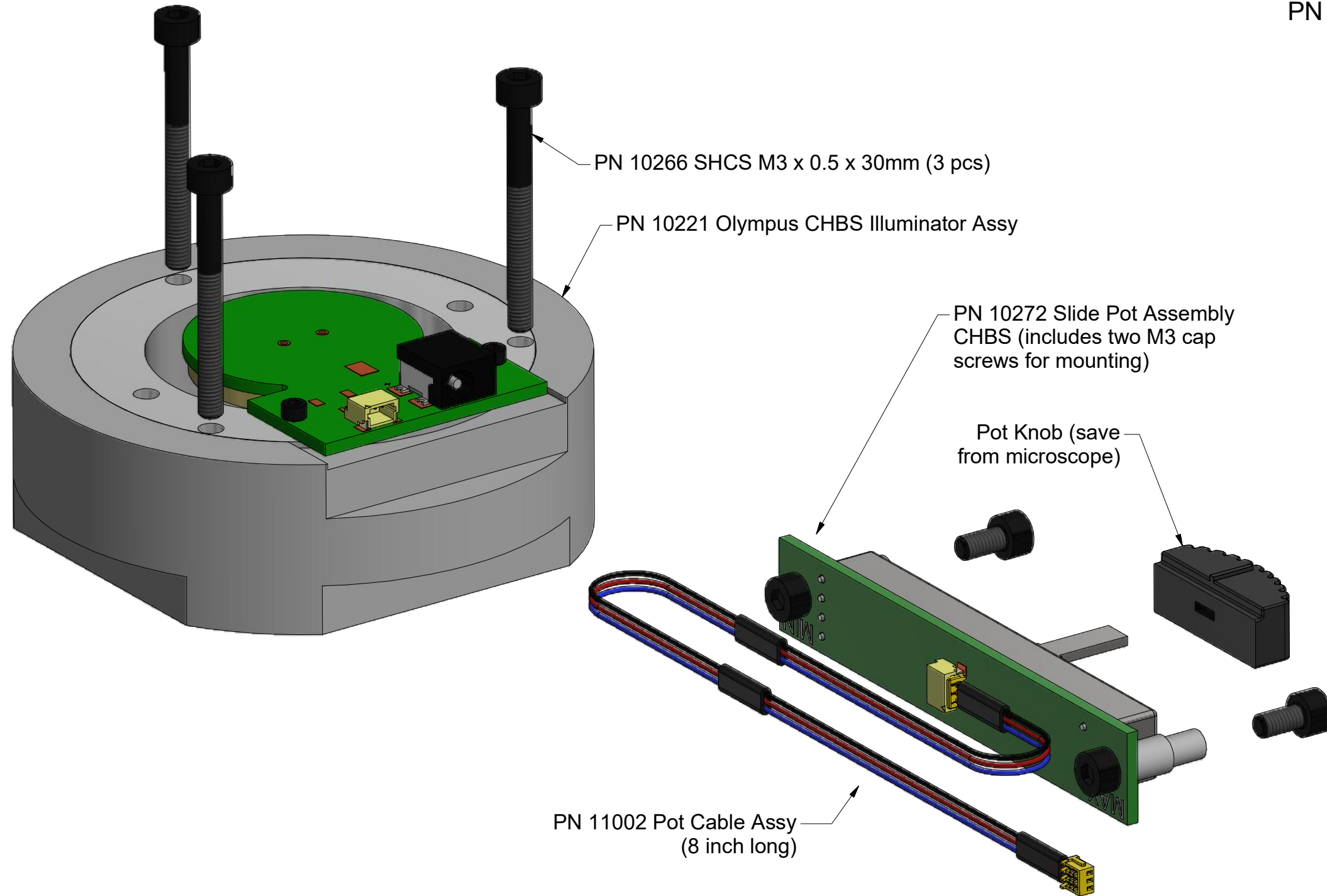


Nanodyne Replacement Illuminator for Olympus CHBS Microscope Installation Instructions - Included Items

Additional Items Included But Not Shown:

PN 10457 Hex Key 2.5mm (for M3 mounting screws)



PN 10733 Power Supply - XP Power 5V 1A and PN 10734 Cable Assy 1.35mm ID x 3.5mm OD RA plug to USB A, 6 foot.

The illuminator may be powered by plugging the cable into the power supply provided, or into a suitable USB port on a computer or other device.

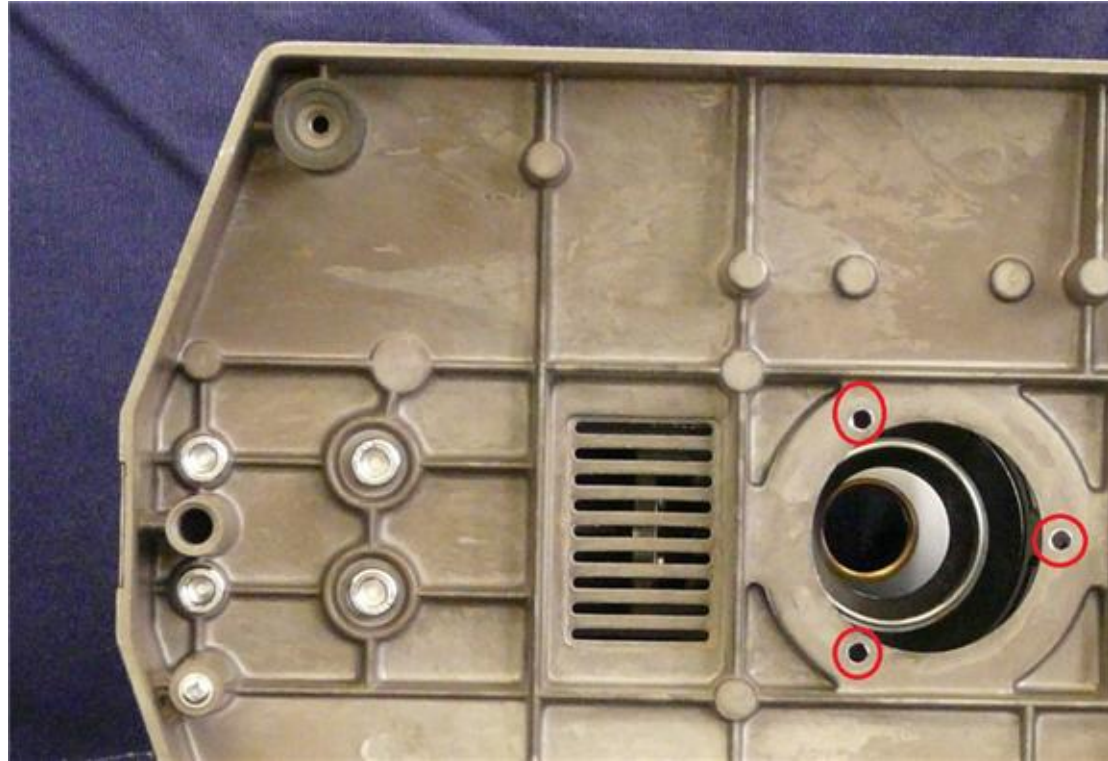
Power supplies are subject to substitution without notice due to availability issues and changes in regulations.



Tape to secure wires.

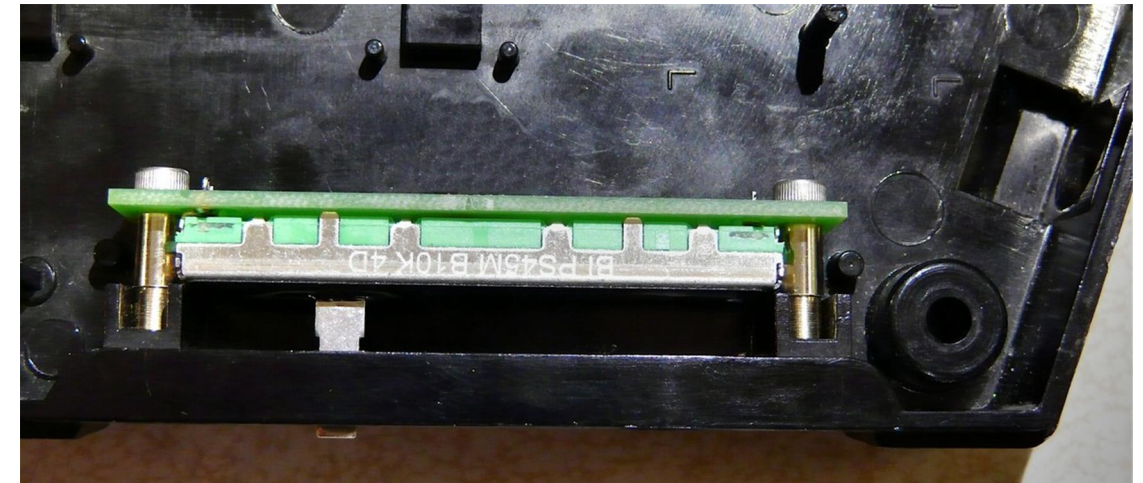
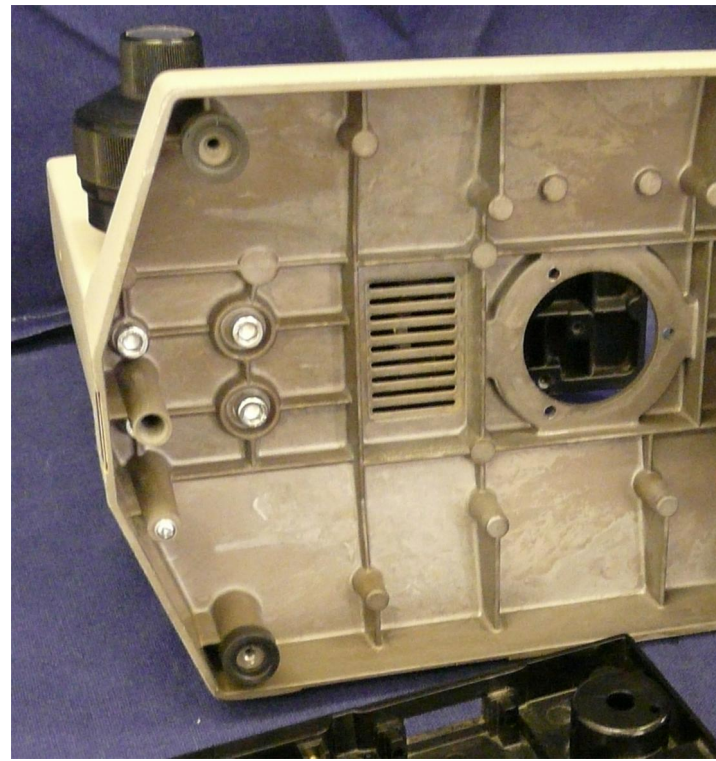
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Nanodyne Replacement Illuminator for Olympus CHBS Microscope Installation Instructions - Step 1. Remove old lamp and pot. Install new slide pot.

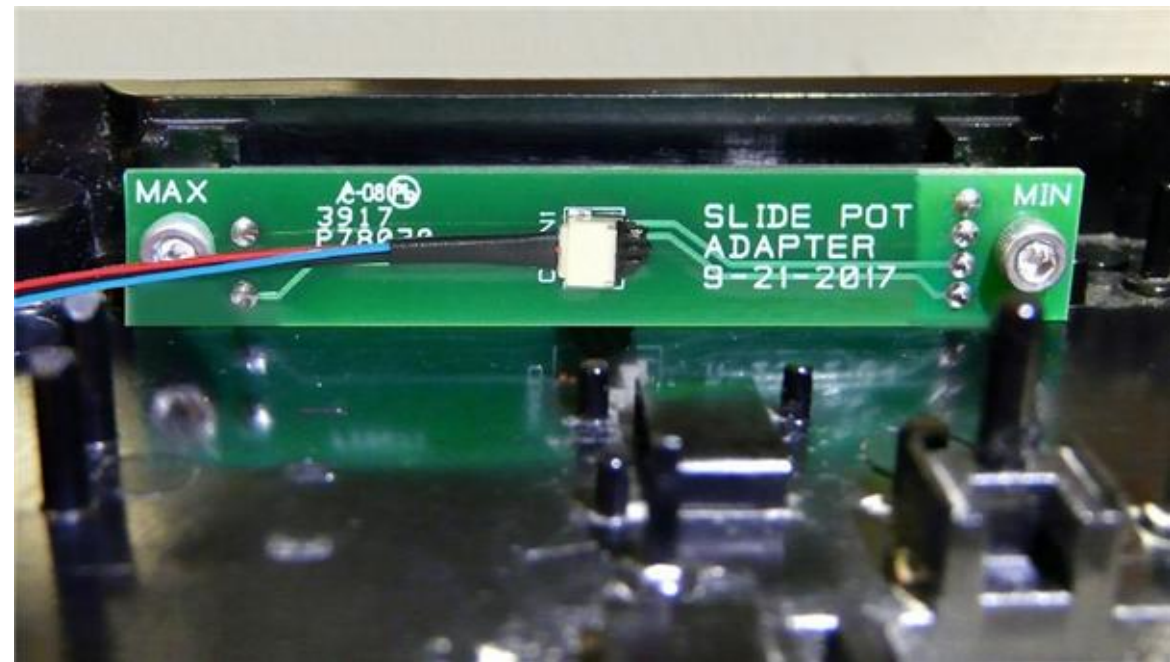


(1) Remove the bottom cover, then remove the original lighting unit by unscrewing the three screws (screw holes are red circled) that hold it in place, then remove old illuminator parts (not shown in photos).

NOTE - these three screws go into the collector lens on the other (top) side of the base. They hold the collector lens also. Set the collector lens aside for later. The screws will be replaced by new ones per the drawing.



(2) Remove the original slide pot (not shown), and install the new one.

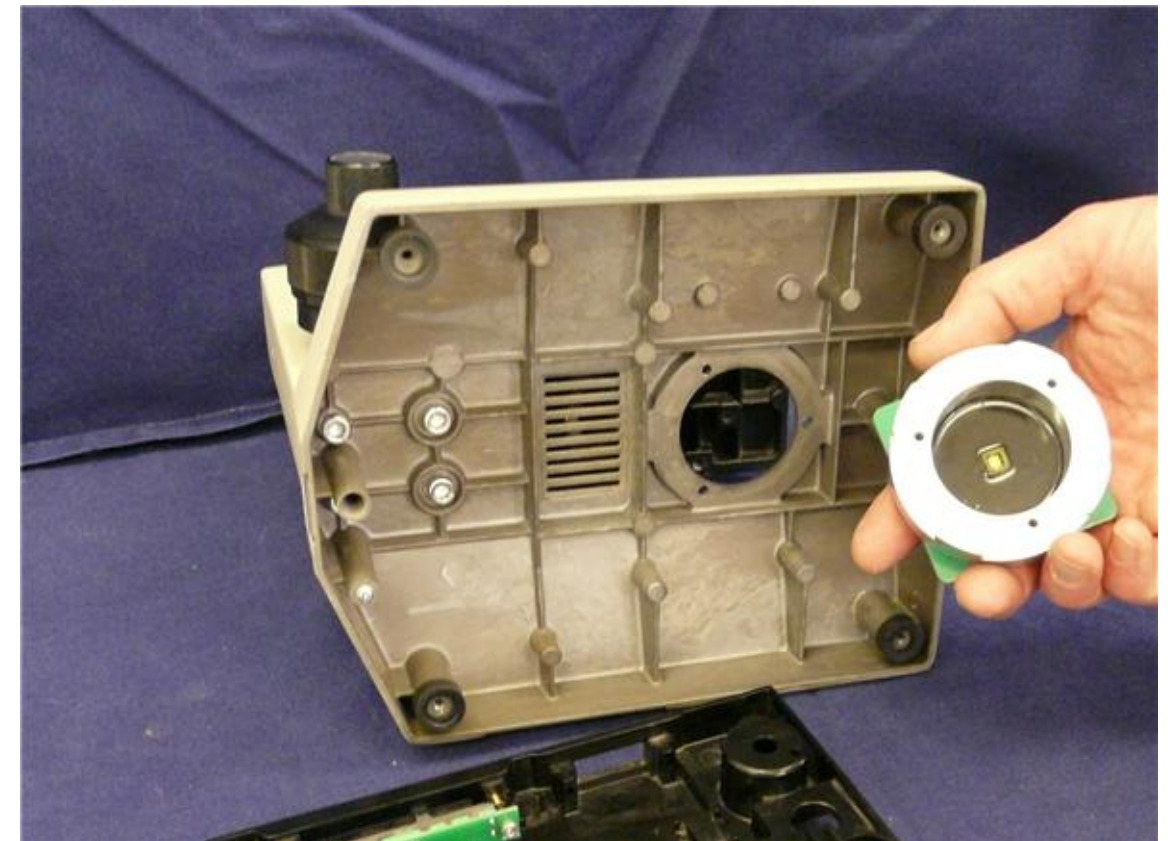


(3) Make sure the orientation (MIN and MAX position) is as shown.

(4) Photo at right. The illuminator shown is an old model but installation is the same.

Align the Nanodyne illuminator on the visible side and the collector lens on the far side with the holes in the microscope base. The Nanodyne part will only fit one way.

Attach with the three screws provided. (See next page also)

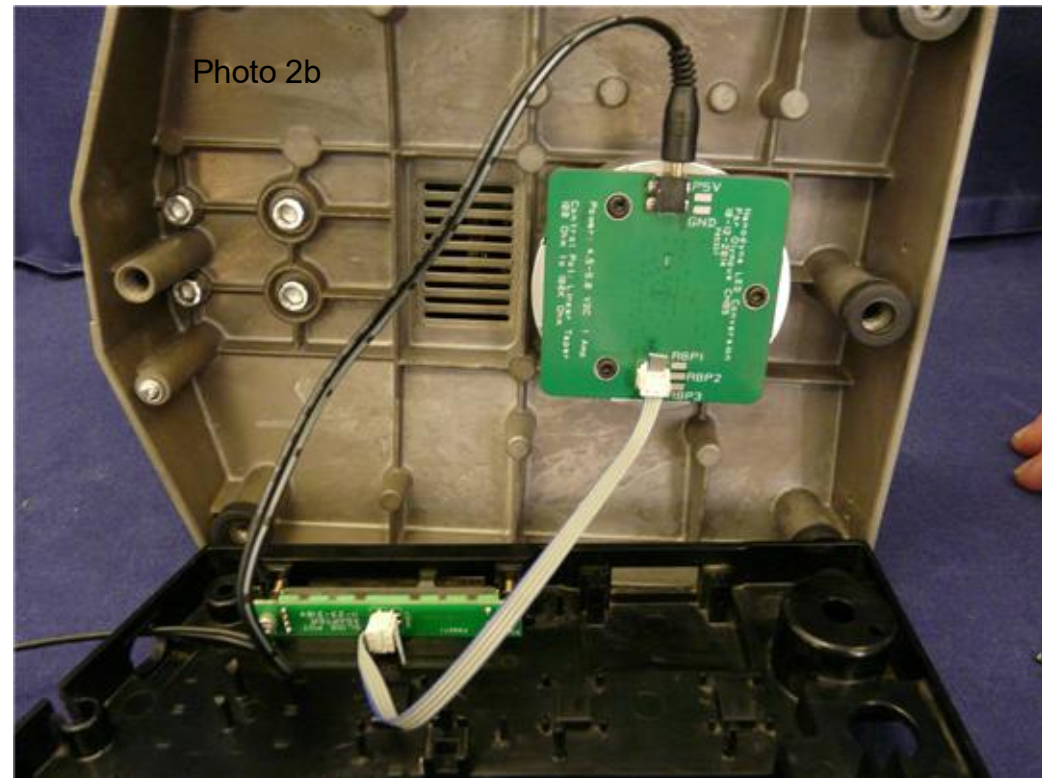


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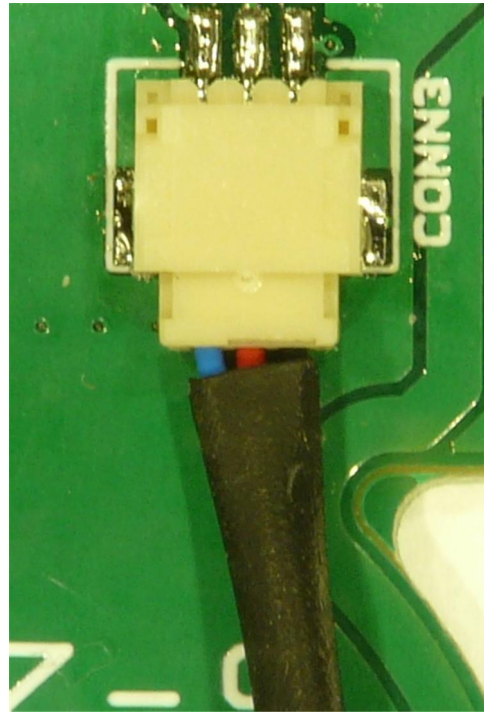
Nanodyne Replacement Illuminator for Olympus CHBS Microscope Installation Instructions - Step 2. Install Nanodyne illuminator and connect new pot cable.



(1) Tighten the three screws with the 2mm hex key. **Note that the illuminator shown is an older version.**



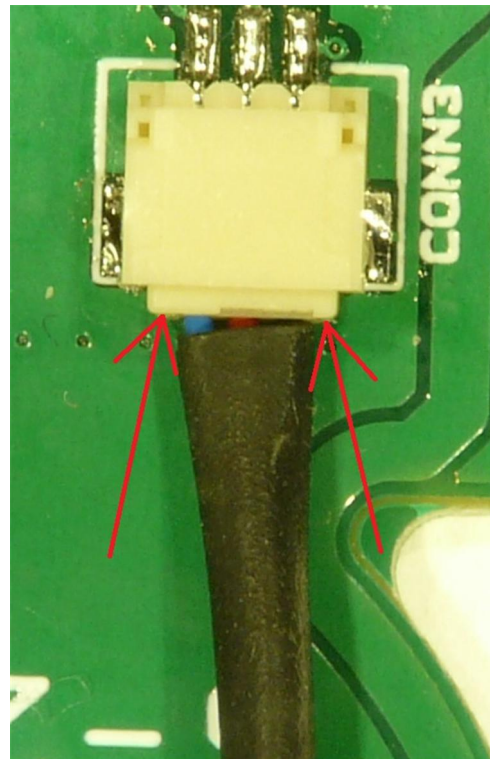
(2) Connect the pot cable and power cord as shown above. **Note that the photo shows older versions of the parts.** Route the power cord through the hole in the plastic bottom cover as shown. Use the red tape to secure the cables as needed.



(3a) Partly inserted

(3) Pot cable connection details. See the two photos at left.

Insert the pot cable into the connector on the pcb. The connector is keyed to only fit one way. It will go in as shown in the first photo by holding the wires and guiding it in.



(3b) Fully engaged

To fully engage the connector as shown in the second photo you must push on the plug itself (red arrows). pushing on the wires would just collapse them. Use fingernails, tweezers or a tiny screwdriver.



(4) Replace the bottom cover, plug in the power supply and the installation is complete.

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