

PN 11145 T2PIHP3 Illuminator Assy  
w Offset Lens

PN 10756 Zeiss Axiovert Mounting Ring  
modified for Leitz Wetzlar SM-LUX-POL

OEM Mounting plate  
(save from original microscope)



PN 11028 Power Supply - CUI 5V 2.5A 2.1 x 5.5mm RA plug



PN 10736 Rubber plug to block  
unused AC power recepticle.



Tape to secure wires.

**\*Note that the illuminator mounted adjustment potentiometer is standard on this unit. Ask about a remote adjustment pot if desired.**

- Additional Items Included But Not Shown:**  
PN 10709 Hex Key 3/32 Short Arm (for 4-40 mounting screws)  
PN 10337 Hex Key 2mm Short Arm (for set screw)

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

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**Step 1:** Unscrew the existing SM LUX lamphouse cover and pull out the original lamp unit as shown. Turn 90 degree and pull out the whole lamphouse unit.



**Step 2:** Unscrew the OEM adapter and attach Nanodyne adapter to the center hole of OEM adapter. Save original screws to be used later to attach Nanodyne adapter to the microscope.

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**Step 3:** Tighten the original screws to secure Nanodyne adapter in place.



**Step 4:** Tighten the set screw to secure Nanodyne illuminator in place, (only in the case of remote adjustment pot) connect the pot cable, and secure the cables using 3M VHB tape if needed. Plug AC adapter to the Nanodyne illuminator and now it is ready to use.

**\*Note:** The detailed Pot Cable insertion procedure to the T2PIHP Main Assy will be shown in next page.

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3



2

1

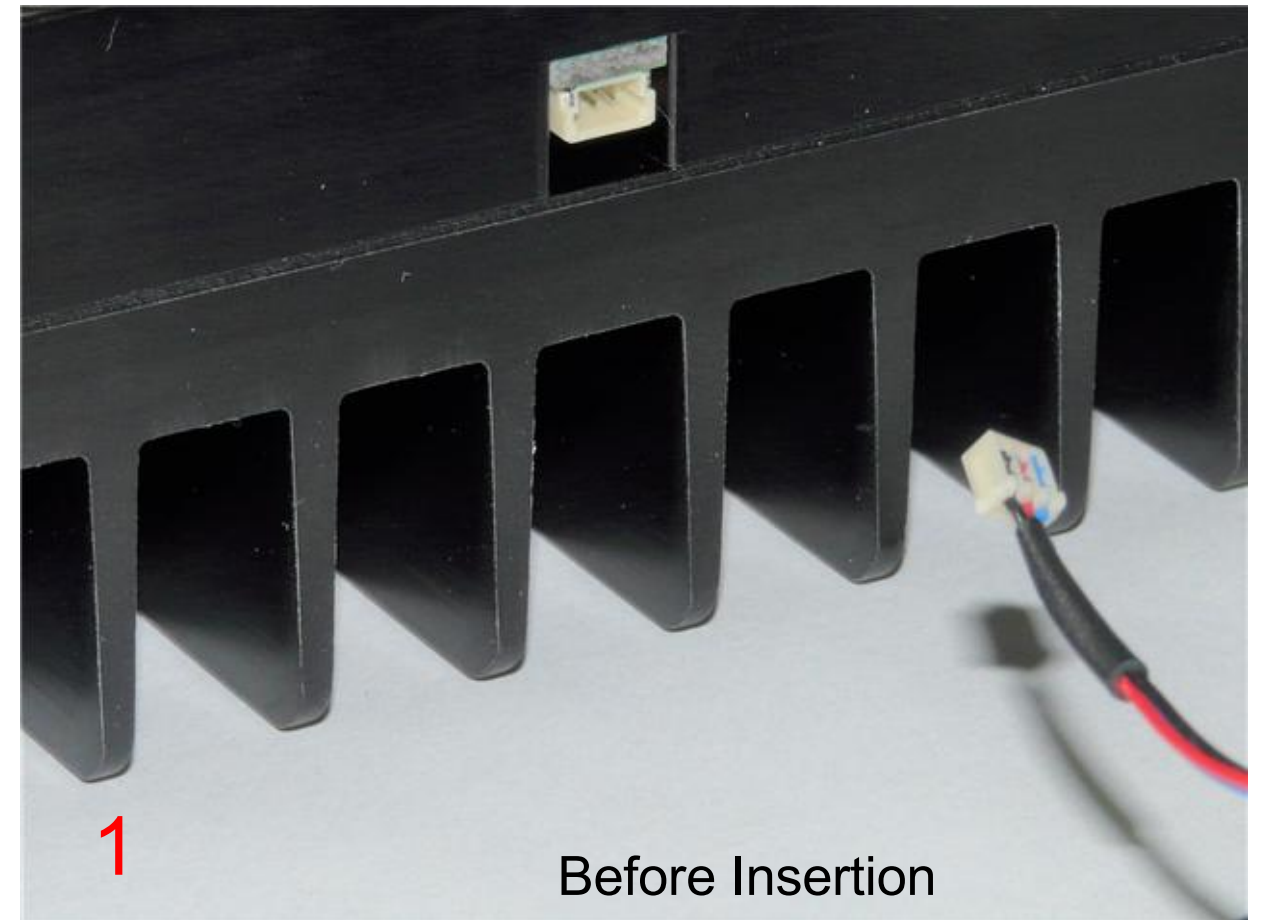
Connect the plug at the end of the Pot Cable Assembly to the mating socket of the illuminator, as shown in the pictures on this page. NOTE THAT THE PLUG IS KEYED TO ONLY GO INTO THE SOCKET ONE WAY, AS SHOWN.

Partially insert the plug into the mating socket of the illuminator by holding the wire next to the plug with your finger (photo 2).

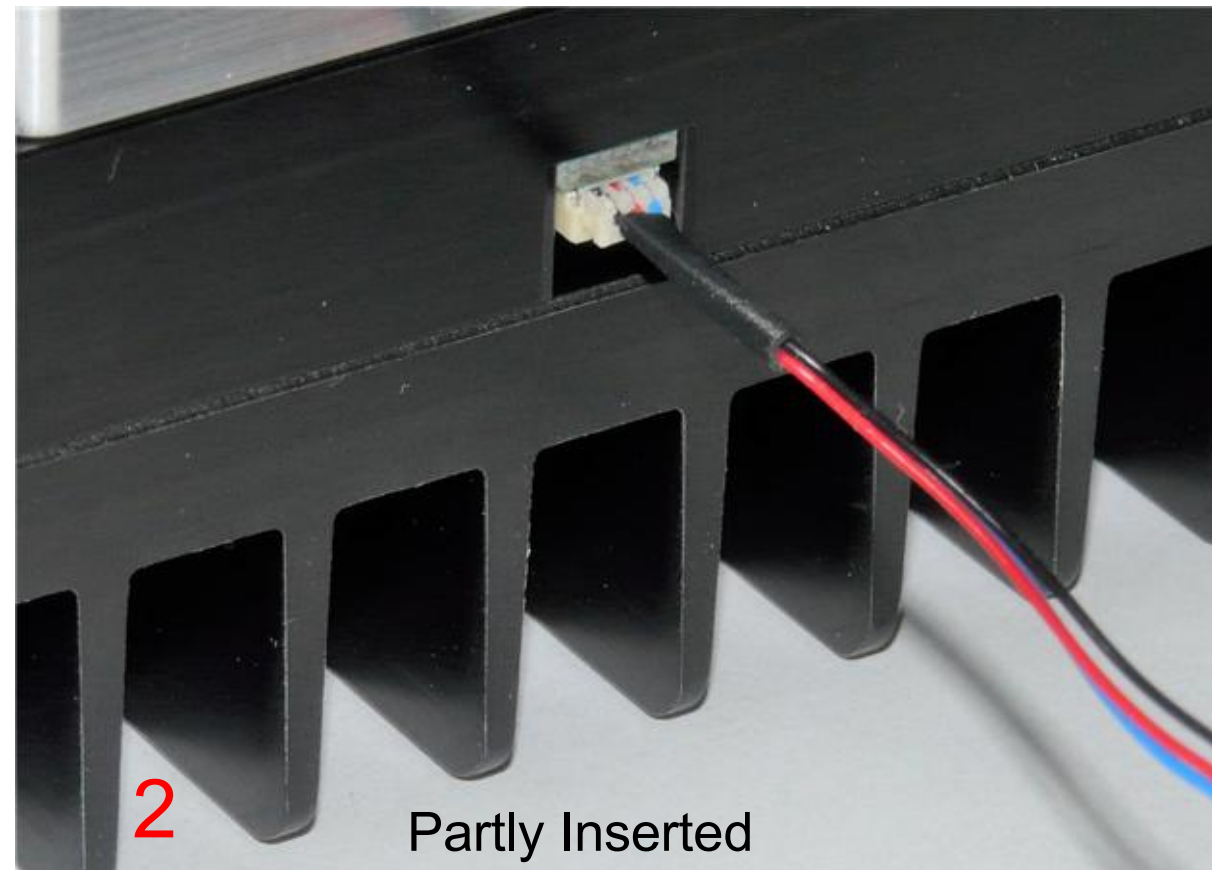
Use your fingernails, if you have them, or tools like a tiny screwdriver or tweezers pushing on the side of the plug to fully insert it (photo 3).

The socket cannot be fully engaged by pushing on the wires, as the wires would just collapse.

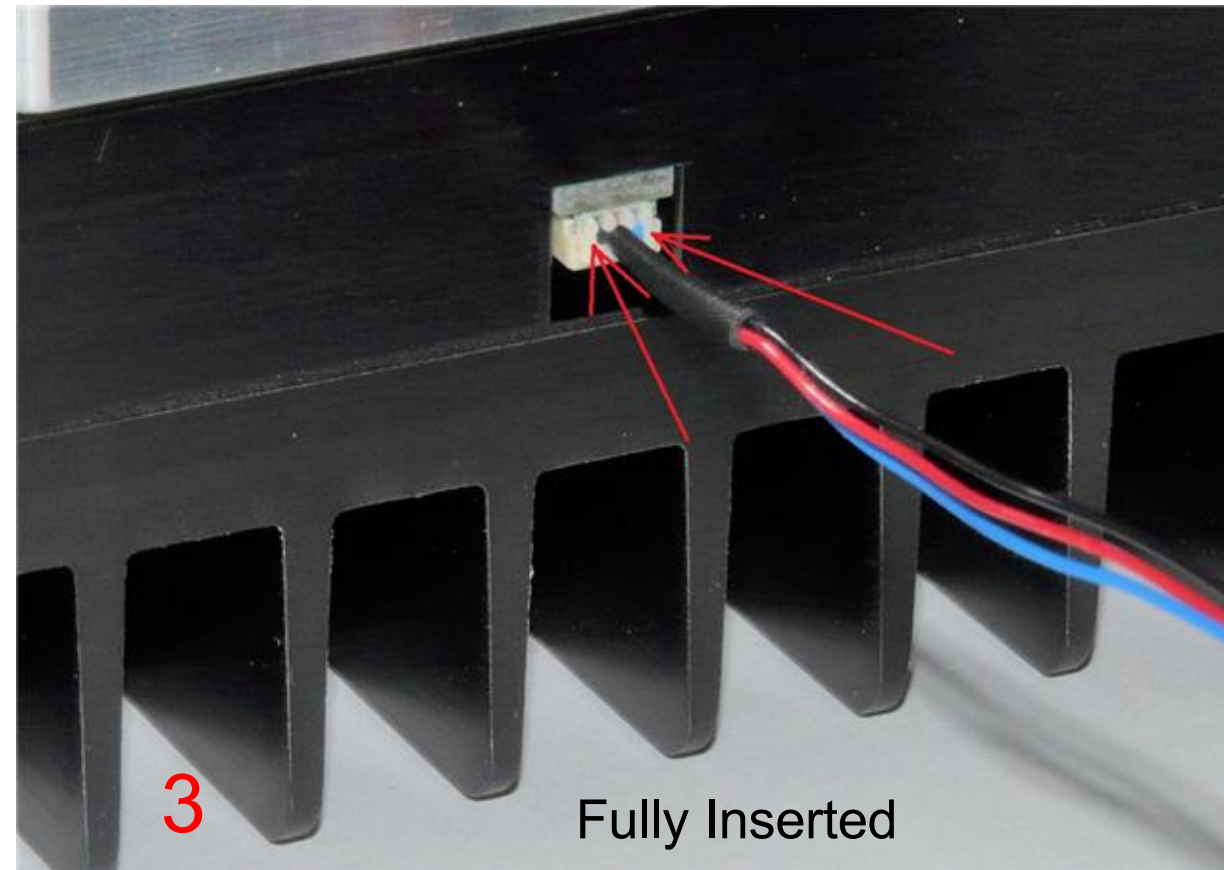
To disconnect it if needed, pull the wire straight out by firmly gripping the black heat shrink tubing.



Before Insertion



Partly Inserted



Fully Inserted