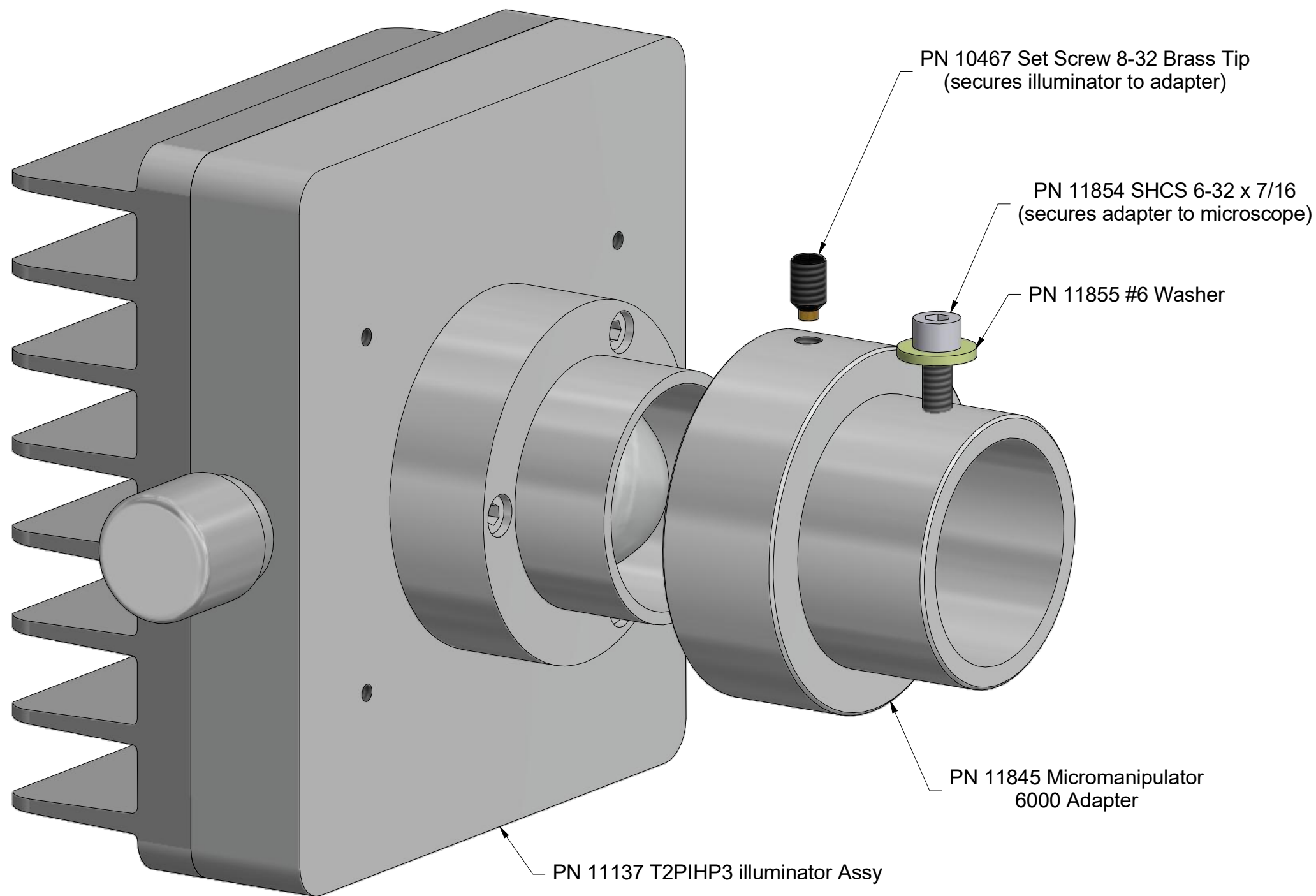


Nanodyne Replacement Illuminator for Micromanipulator 6000 Install: Included Items

Additional Items Included But Not Shown:

PN 10490 Hex Key 5/64 Short Arm (for 8-32 set screw)
 PN 11564 Hex Key 7/64 Long Arm (for 6-32 screw)



(The 5 parts directly above make PN 11846 Micromanipulator 6000 illuminator Assy)



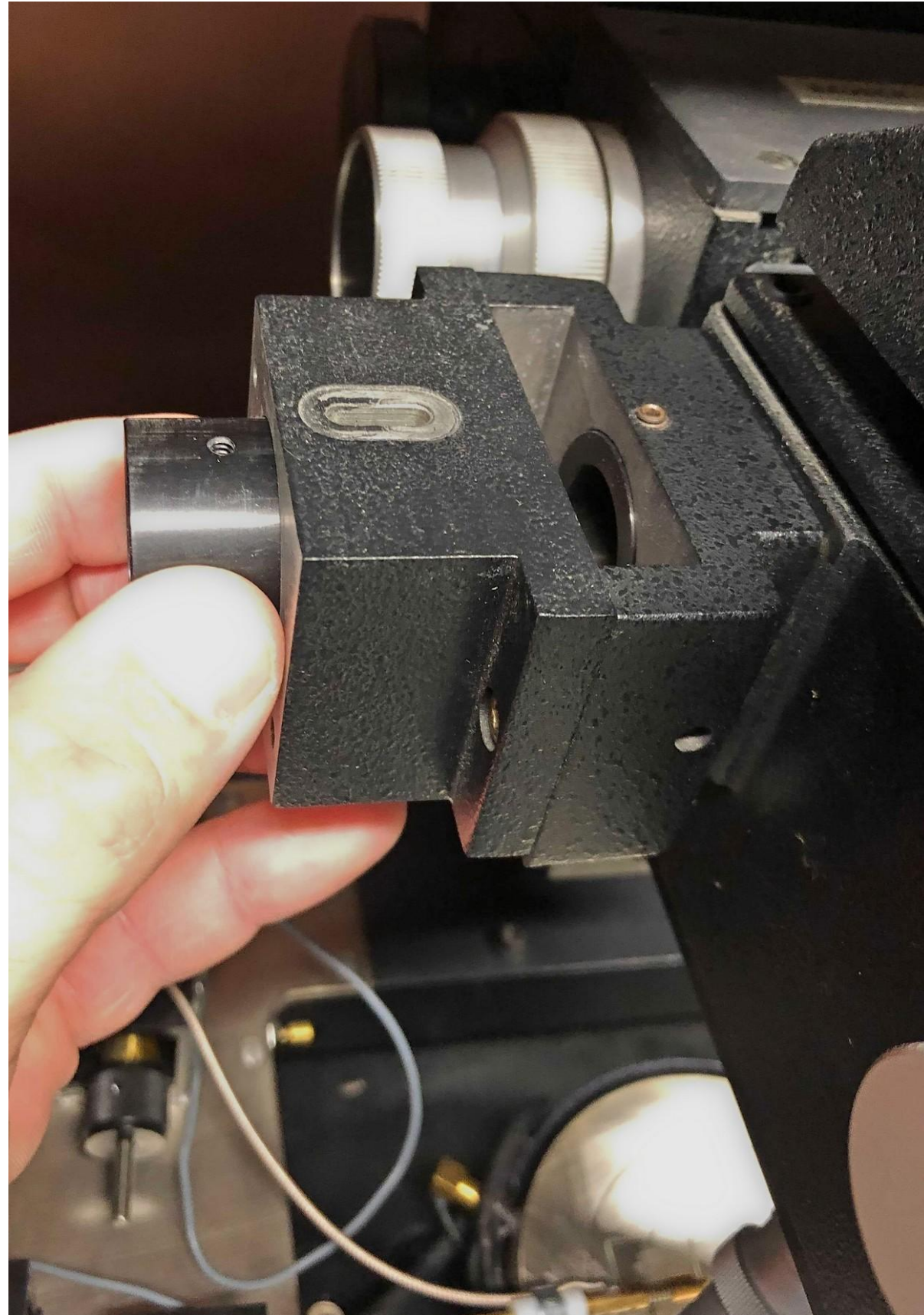
The illuminator may be powered by plugging the cable into the power supply provided, or into a suitable USB port on a computer or other device.

PN 11163 Power Supply 5V 2.1A and
 PN 10734 Power Cable 1.35mm
 ID/3.5mm OD x USB A 6 ft.

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

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Nanodyne Replacement Illuminator for Micromanipulator 6000 Install: Remove Unused Original Parts and Install Nanodyne Illuminator.



Note: Photos are limited as the customer's unit did not have the original illuminator.

Also, these photos are from the customer. We did not have access to the instrument.

(1) Remove any illuminator parts not shown at right. Also remove the original collector lens (shown almost removed at left)

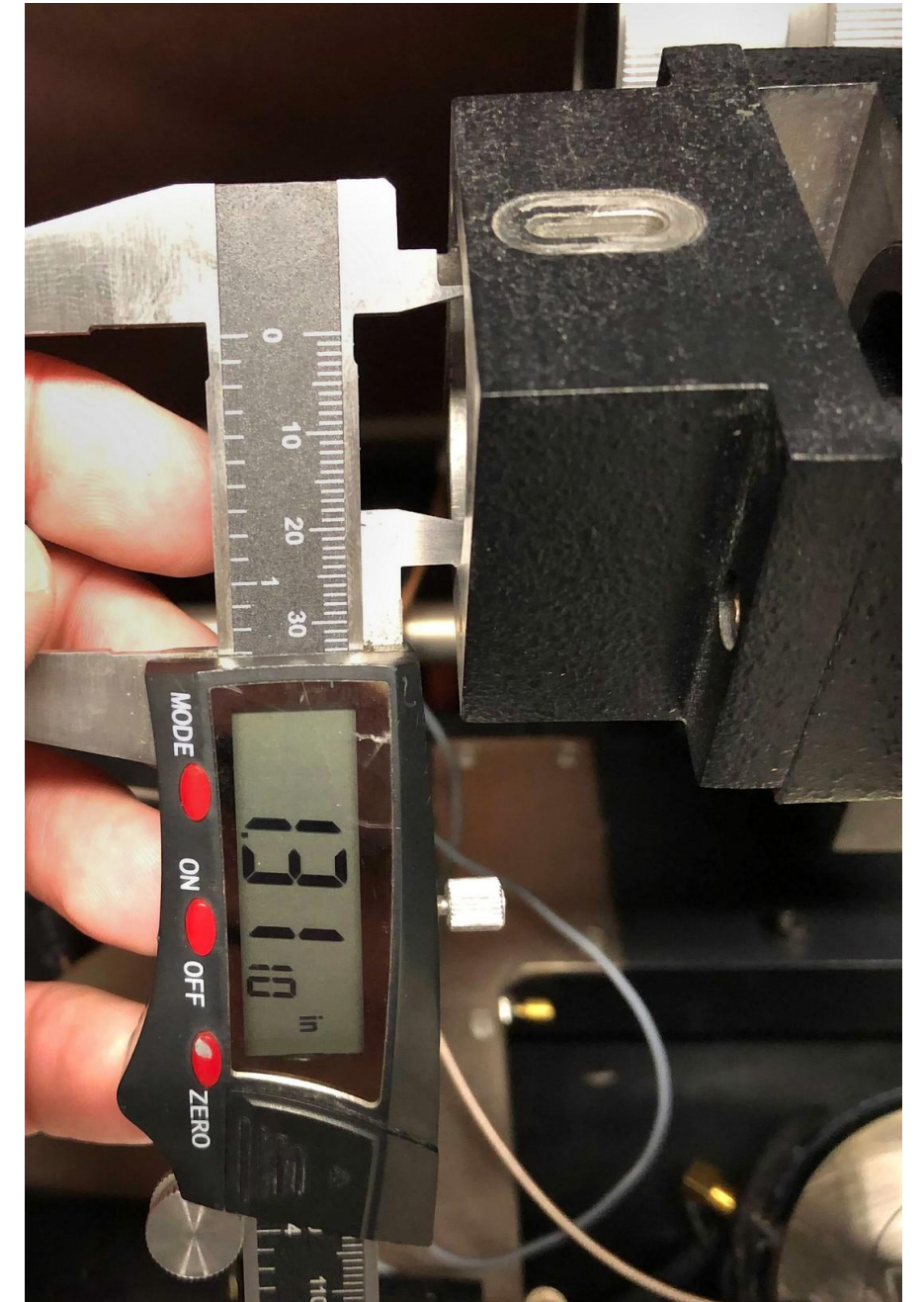
(2) Photo at right: Collector lens removed. Ready to install Nanodyne adapter.

(3) Insert PN 11845 Micromanipulator 6000 Adapter in place of the old collector lens. Align the threaded hole with the slot on the top of the black metal block. Secure with the 6-32 screw and washer (use the 7/64th hex key).

Insert the illuminator into the adapter (as shown on sheet 1). Secure using the 5/64th hex key in the 8-32 set screw. The illuminator can be rotated 90 degrees from the normal (knob at top) orientation for more convenient intensity adjustment.

Connect the power supply and it is ready to use.

Operation from USB power: The illuminator may be connected to a USB port on a computer to power it, but high power units like this one will probably not produce the maximum light intensity, due to limited output of the USB port.



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