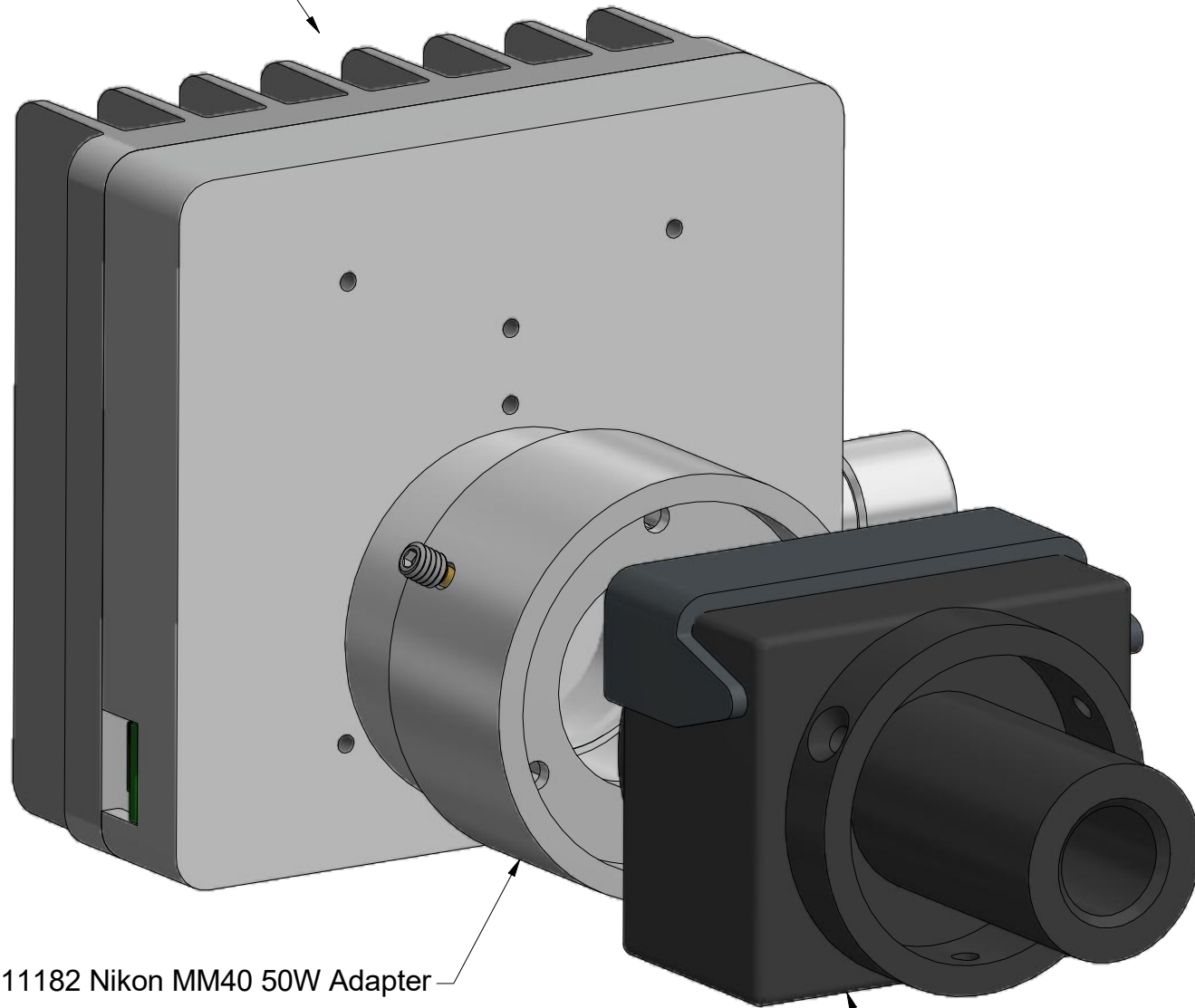


Nanodyne Replacement Illuminator for Nikon MM40 50W High Power Illuminator Installation Instructions - Included Items

PN 11747 Nikon MM40 50W High Power illuminator Assy



PN 11182 Nikon MM40 50W Adapter

MM40 50W lamphouse (OEM Part)

**\*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)

**Not Included - Save From Original:**

MM40 50W OEM part from original lamphouse



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



PN 10736 Rubber plug to block unused AC power receptacle.



Tape to secure wires.

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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Unscrew and open the existing MM40 50W original lamphouse cover as shown. Align three screw holes of Nanodyne adapter to OEM lamphouse.



Tighten the adapter using original screws from OEM lamphouse as shown, to be ready to attach to the Nanodyne illuminator.

Nanodyne Replacement Illuminator for Nikon MM40 50W High Power Illuminator Installation Instructions - Step 2. Attach Nanodyne illuminator and connect new power supply.



Photo 2a



Photo 2b



Photo 2c

Tighten the set screw to secure OEM lamphouse and Nanodyne illuminator in place, connect the pot cable (only in the case of remote adjustment pot), and secure the cables using 3M VHB tape if needed. Plug new power supply to the Nanodyne illuminator and now it is ready to use.

**\*Note:** The illuminator shown in the photos is our old style low power unit. However, the installation procedure is the same.

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

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Nanodyne Replacement Illuminator for Nikon MM40 50W High Power Illuminator Installation Instructions - Step 3. Connect the Pot Cable to the Illuminator.

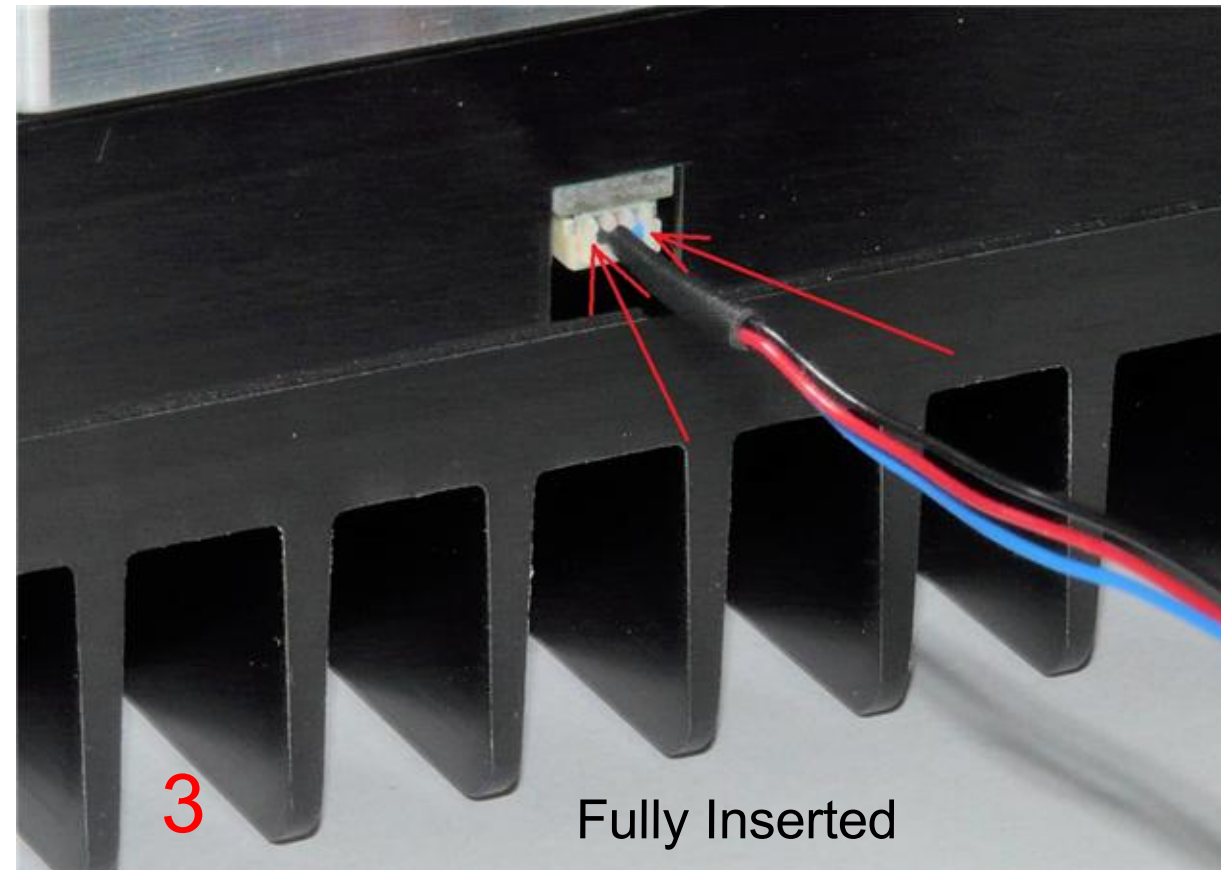
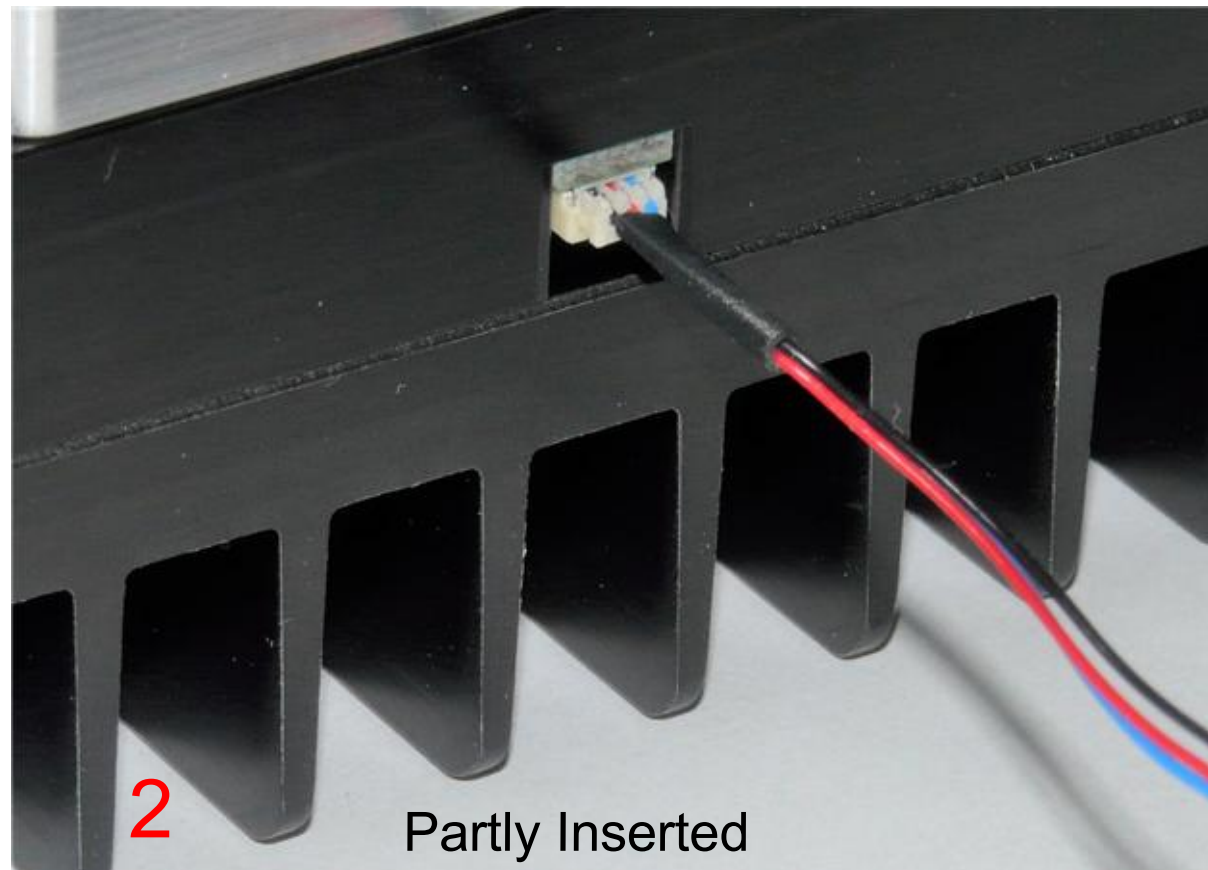
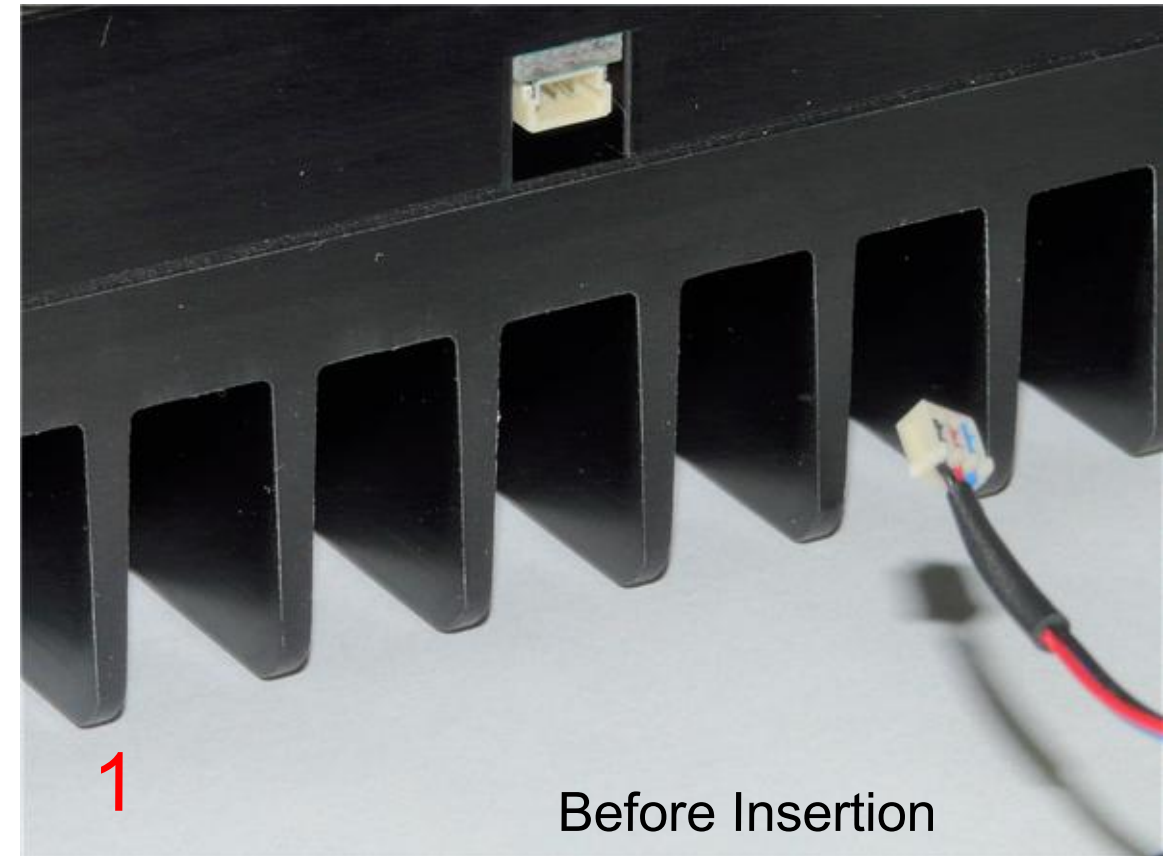
Connect the plug at the end of the Pot Cable Assembly to the mating socket of the illuminator, as shown in the pictures on this page. NOTE THAT THE PLUG IS KEYED TO ONLY GO INTO THE SOCKET ONE WAY, AS SHOWN.

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.



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