

A close-up photograph of a 470nm LED assembly. The device is mounted on a metal plate with several labels: 'EM.' with an upward arrow, 'EX.' with a double-headed arrow, '470', and '415'. A 'LYMPUS' label is visible on a component. The assembly includes a lens, a heat sink, and various adjustment knobs and screws. A red marker is visible on the right side.

Reducing the Power Output of Your 470 LED

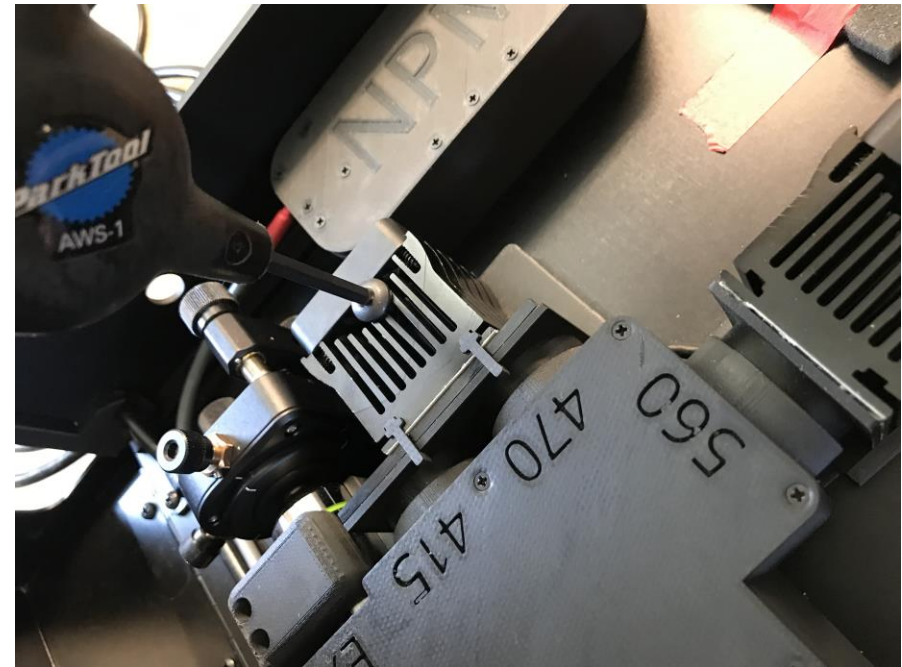
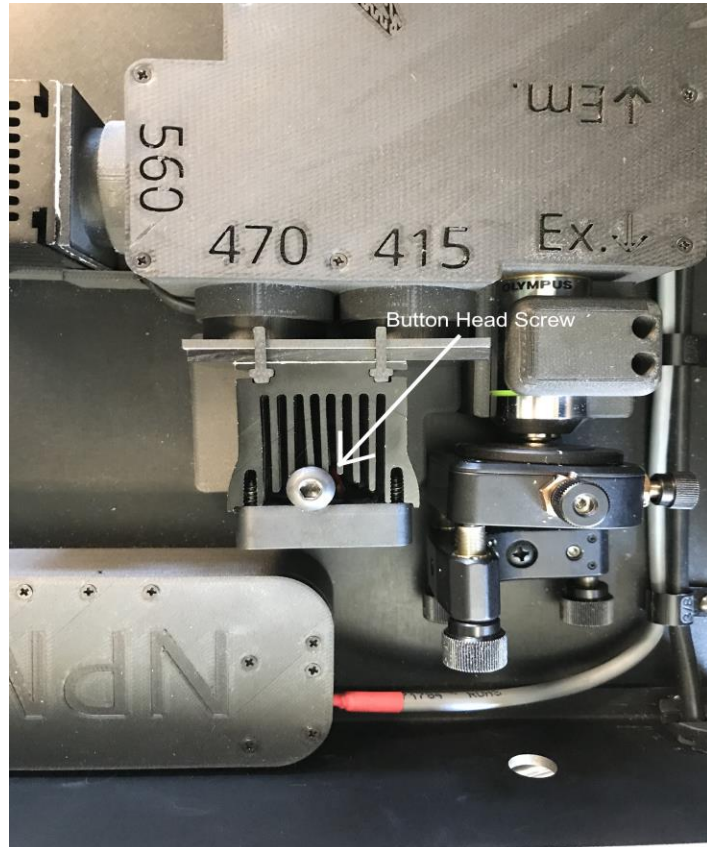
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Components

- A modified NDF collimating lens
- A 4mm Hex-wrench
- A 10mm spanner/wrench or needle-nose pliers (helpful, but not necessary)

Removing the 470/415 Subassembly

- Unscrew the button head screw holding the 470/415 Subassembly to the base.



Removing the 470/415 Subassembly

- Remove the button head screw.
- Removing the button head screw will in turn unscrew a single locknut on the bottom of the system—keep this handy, we will need to screw this back on at the end.



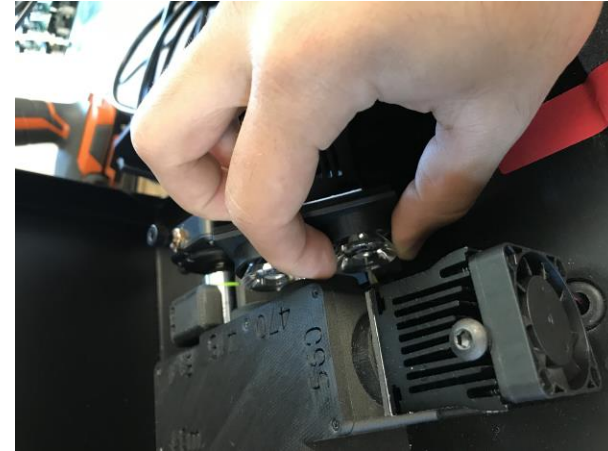
Removing 470/415 Subassembly

- Gently slide the 470/415 Subassembly back.
- Tilt the entire 470/415 assembly towards you.



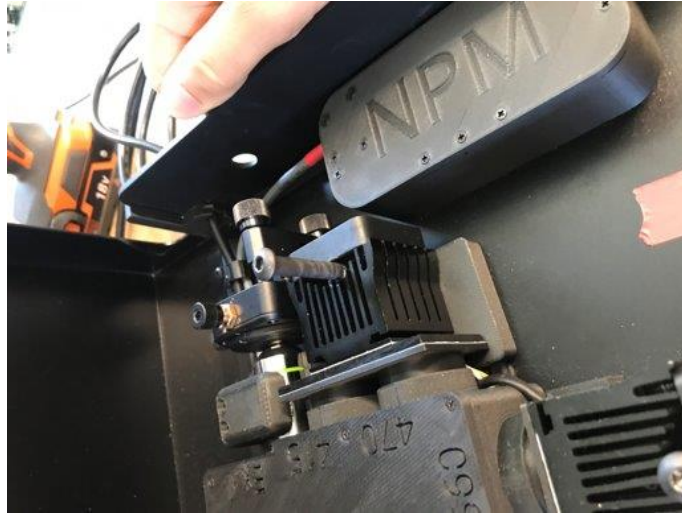
Inserting the Neutral Density Filter

- Gently pull the 470 collimating lens off.
- Replace with the new collimating 470 lens with the neutral density filters attached.
- Replace the 470/415 subassembly.
- Keep your old collimating lens in the event that you would like to increase 470 power output.



Final Touches

- Screw the 470/415 Subassembly back into place.
- Screw back on the button head locknut on the bottom of the system. This can either be done by hand or with a 10mm spanner—it will not screw on all the way, and will only need to catch onto a couple threads.



You're Done!

Thank you for your cooperation.

Please let us know if you have any questions or feedback !

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