

Prior Scientific Help Guides and Installation Instructions

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Installing H122KLC on Leica DML and DMR microscopes

Please note that this installation should only be attempted by a suitably qualified technician, as it involves minor disassembly of critical mechanical components. If you are not familiar with this type of mechanical assembly do not attempt this installation and consult your local microscope representative. The instructions below are for the DMR microscope; see the end for the DML instructions.

- 1) Use the 1.27 mm hex key undo the fine focus screw set, which will allow the knob to be pulled off.



- 2) Place the spring over the fine focus shaft and place a coupling hub on the shaft whilst holding the opposite focus knob in position (otherwise it may disengage from the gears). Compress the spring by 3 – 6 mm and clamp the hub using the 2mm hex key. Please note that only one of the coupling hubs will fit the fine focus shaft.



- 3) Push the remaining coupling hub and plastic torque disk together and place on the focus motor shaft. Tighten, using the 2 mm hexagonal key, making sure it does not bind on the motor casing.



- 4) Place the adapter ring over the coarse focus knob. Align and push the couplings together and slide the focus sleeve over the focus motor and onto the adapter ring using the 2 mm hex key to tighten the three set screws, again whilst holding the opposite focus knob.



For the DML microscope, after step one place the adapter ring over the coarse focus knob and secure the brass shaft using the 2 mm hex key on the set screw. Continue with steps 2,3 and 4 as for the DMR.

