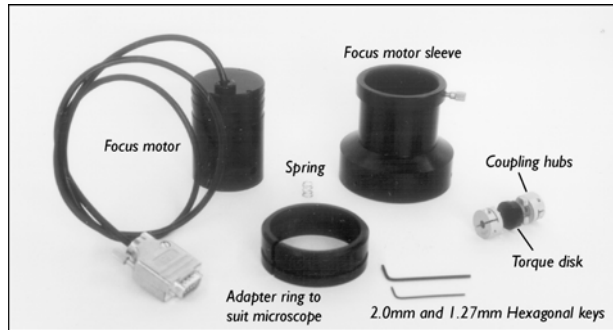


Direct Coupling Focus Installation for Leica DML and DMR Range

Notice: This installation should only be attempted by a qualified technician as it involves some minor disassembly of critical mechanical components. If you are not familiar with this type of mechanical assembly do not attempt this installation, consult your local microscope representative.

Components:



Installation on 'DMR'

1. Using a 1.27mm Hexagonal key undo the fine focus set screw (Figure 1). The knob can then be removed.



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, or it may disengage from gears. Compress the spring by 3-6mm and clamp the hub using the 2mm hexagon key (Figure 2). **Note:** Only one of the coupling hubs will fit the fine focus shaft.



Figure 2

3. Push the remaining coupling hub and plastic torque disc together and place on the focus motor shaft. Tighten using the 2mm hexagon key making sure it does not bind on the motor casing (Figure 3).



Figure 3

4. Place the adaptor ring over the coarse focus knob. Align and push the couplings together and slide the focus sleeve over the focus motor and onto the adaptor ring. Use the 2mm hexagon key to tighten the three set screws, again whilst holding the opposite focus knob (Figure 4).

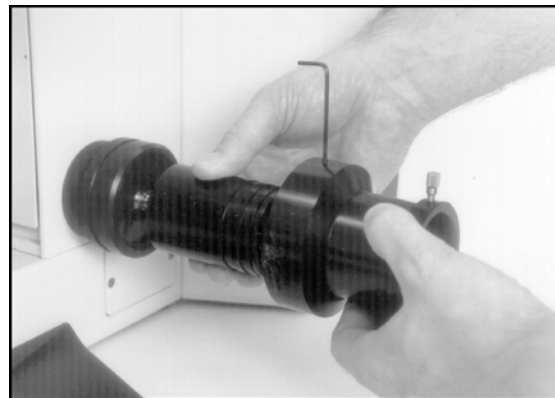


Figure 4

Installation on DML

The installation on the DML range is identical to the DMR procedure with one additional stage. After removal of the fine focus knob (step 1) fit the adaptor ring supplied over the coarse focus knob. This is then secured to the brass shaft using the 2mm hexagon key to tighten the set screw.

The remainder of the installation follows Step 2,3 and 4 above.