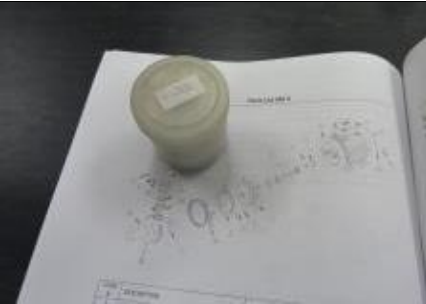






Fiji TechNote 4 – Replacing a Skellerup Milk Pump Seal

The method for replacing a Skellerup milk pump seal is detailed below. It is also covered in a manual held by FCDCL. One must *never* touch the ceramic seal surfaces with fingers, or the surface can be damaged and will fail very quickly. The normal life of a milk pump seal is more than one year and up to 7; however, if touched by skin, the seal can start leaking within a week.¹ Always replace your milk seal in the order in which the pump is taken apart.

1. The seal as it arrives.	
2. The new seal showing the two easily damaged ceramic surfaces.	
3. Pump ready to take apart, with the external clamp taken off already.	

¹ According to Waikato Milking Systems in New Zealand.

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FDIDI would like to acknowledge New Zealand company QCONZ and consultant Mel Eden for supplying some of the information and images contained in the TechNote series.

4. Pump case removed, the impellor is then tapped lightly with a rubber hammer– anticlockwise - to undo it. The large ring seal is already removed.



5. Lifting the pump case off the shaft.



6. Next, take out the seal and spring then clean the cavity before re-assembly with the new seal. The seal inside the pump case is tapped out with a soft hammer handle, the space cleaned and lubricated to fit the new seal.



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