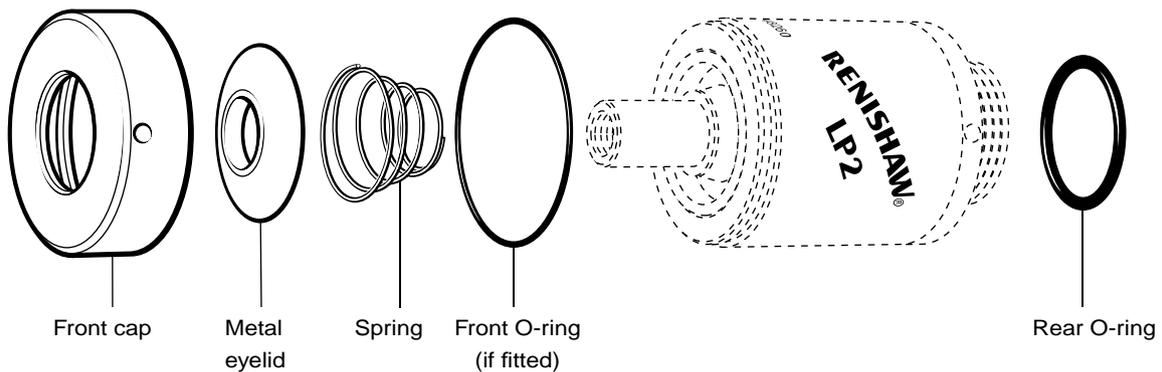


# DK2 service kit for LP2 and LP2H probes

## Kit contents (part number A-2063-7542)



Dirt may accumulate in the cavity underneath the probe's metal eyelid. This dirt should be removed by the following method approximately once a month. The cleaning interval may be extended or reduced depending on the rate at which dirt accumulates.

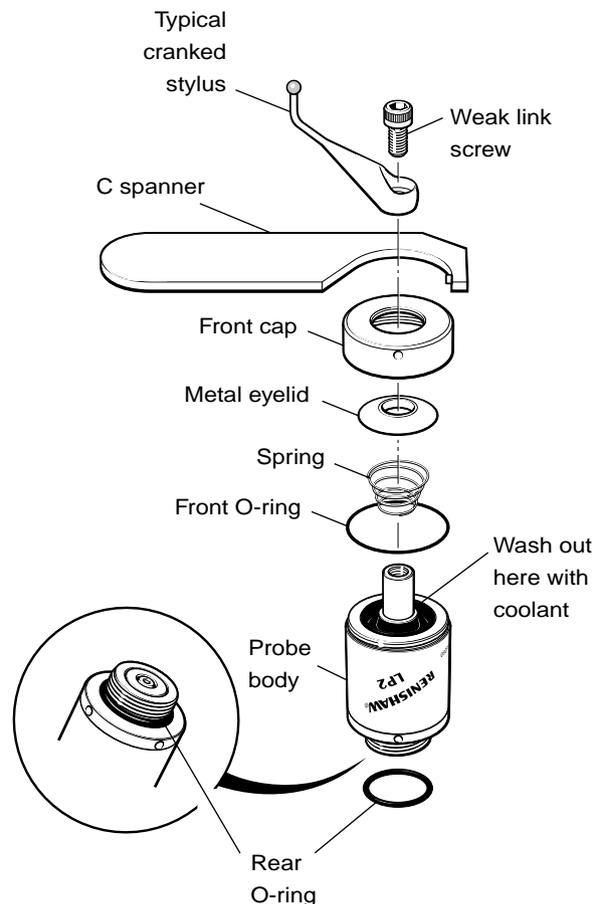
**WARNING:** The user may carry out the service routines described below. Further dismantling and repair of Renishaw equipment is a highly specialised operation and should only be carried out at Authorised Service Centres.

## Disassembling the front seal

1. Remove the stylus and front cap.

**NOTE:** It may be necessary to apply gentle pressure with the C spanner if the front cap cannot be removed by hand.

2. Remove the front O-ring, if fitted (the presence of a front O-ring is identified by a dot after the LP2 or LP2H annotation, for example 'LP2.').



## Cleaning the front seal

Clean out all the residue with a low-pressure jet of coolant.

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**⚠ CAUTION:** Never use a degreasing agent. To avoid damaging the inner seal, do not use a sharp cleaning tool. If the inner seal is damaged, return the probe to a Renishaw Service Centre for repair.

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## Re-assembling the components

1. Re-assemble the components, fitting new parts from the DK2 service kit only.
2. Tighten the front cap to approximately 4 Nm (2.95 lbf. ft).

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**⚠ CAUTION:** DO NOT use the probe with the cap removed.

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3. Refit the stylus.
4. The true stylus position must now be recorded in the machine control. To do this, calibrate (datum) the probe when it is returned to the machine tool.

## Replacing the rear O-ring

1. Remove the old O-ring from the probe and discard.
2. Wrap paper around the screw thread to protect the new O-ring from any sharp edges.
3. Smear the O-ring with a mineral-based grease and slide it over the paper into position.
4. Remove the paper.

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