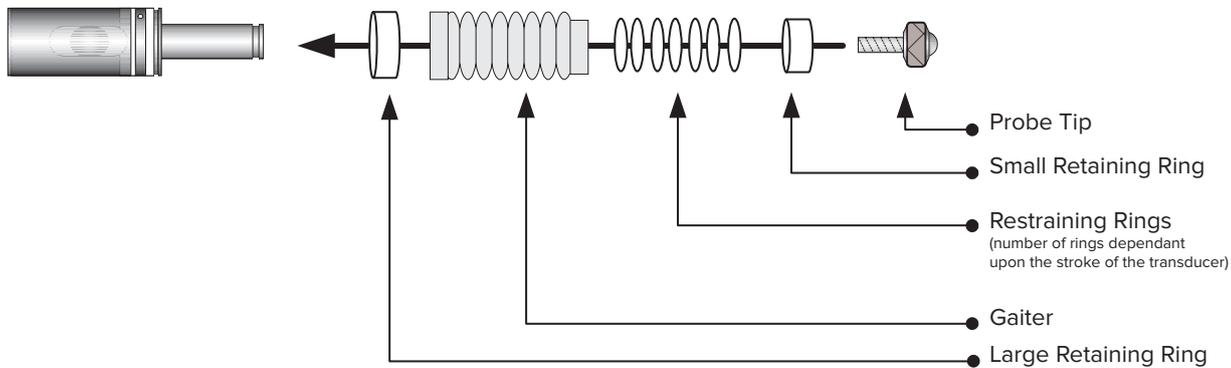
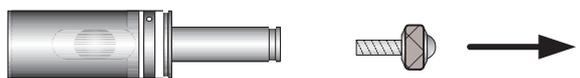
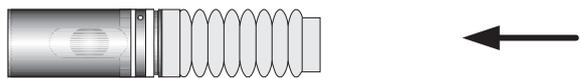


# Gauging Transducers

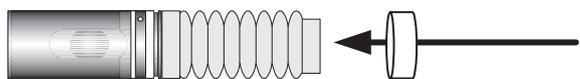
## Replacing Gaiters on Pneumatic Probes

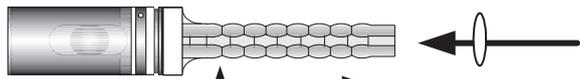


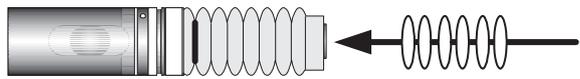
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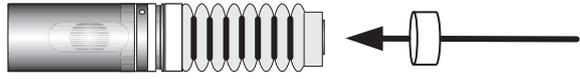
1) Remove tip, damaged/old gaiter and restraining/retaining rings. Never re-use old rings.
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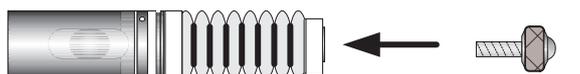
2) Slide the new gaiter over the shaft (large end first) and fit over the end of the transducer body.

Note: When fitting the retaining rings and gaiter it is essential that all parts are square and true. Failing to do this can cause weak spots causing ballooning, splitting and leaking of the gaiter.
- 

3) Carefully slide the large retaining ring over the gaiter until it fits over transducer body, holding the gaiter in place. Care should be taken when fitting rings to avoid scratching, catching or tearing the gaiter.
- 

4) Place the first restraining ring on the end of the gaiter, stretching the gaiter until the sides appear to be collapsing. Slide the ring over the gaiter to its correct notch (stretching the gaiter will make this easier).
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5) Continue to fit the remaining restraining rings.
- 

6) Fit the small end of gaiter on to the shaft at the tip end. Fit the small retaining ring over the end of the gaiter to hold it in place (chamfered side towards the transducer, ensuring the gaiter is sitting flat under ring).
- 

7) Refit tip.

It is advisable that prior to re-fitting the transducer, a check is carried out for any air leaks. This can be done by submersing the tip and gaiter (only) under water and applying air, making sure that recommended pressure is not exceeded.