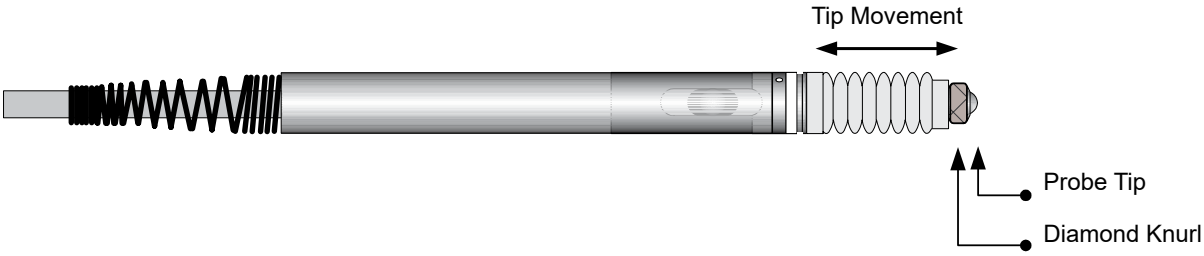
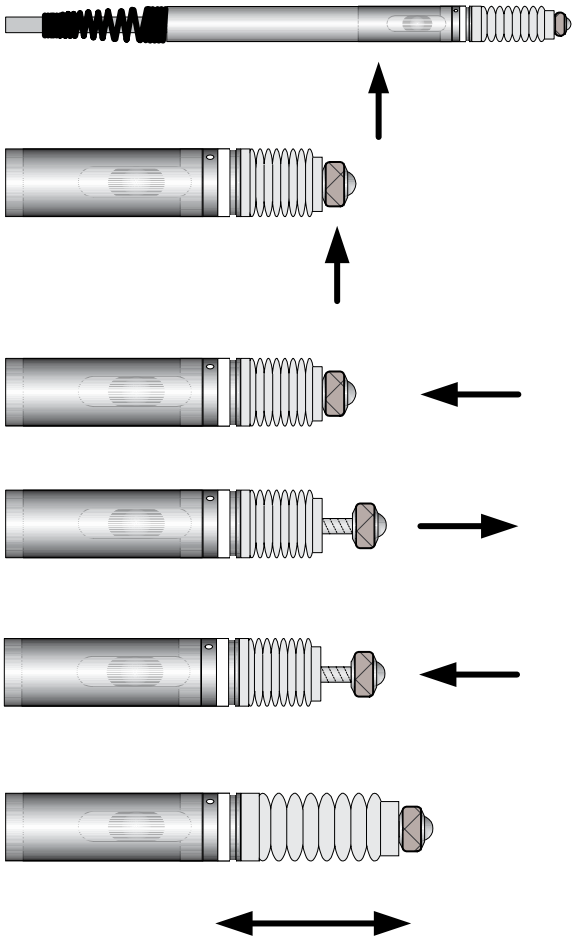
Gauging Transducers

Replacing Probe Tip on Gauging Probes





1) Hold the transducer body firmly in the hand or with a pair of soft jaw pliers (to prevent damage to the transducer body).

2) Using a pair of soft jaw pliers (for example, Needle or Snipe Nose), grip around the knurled area of the transducer tip and push until the transducer is in the fully retracted position.

Note: This action is not required on pneumatic push transducers

3) With the tip pushed fully in, turn the pliers anti-clockwise to loosen the probe tip.

4) Continue to unscrew the probe tip anti-clockwise until the tip has been removed.

5) Attach the tip by screwing (clockwise) into the transducer, until it is 'finger tight'. Push the tip all the way in when applying torque.
To secure the tip, apply a torque set to 18 to 22 cNm.

6) When the tip has been replaced, check for the following:

a. alignment of the gaiter, as this can twist when replacing the probe tip.
b. cuts or abrasions to the gaiter.

Finally check that the transducer travel is smooth and free of restrictions.

This procedure can be carried out on Solartron's Analogue Gauging and Digital Probes.
Do **NOT** use this procedure to change the tip on Solartron's Linear Encoder (refer to Linear Encoder user manual).
Nor can this procedure be used on Solartron's DZ, DW, AW, D3P, AX/0.25 product range.