

1. REMOVAL/INSERTION OF THE PISTON

Opening the lock

To open the lock, the counter nut and counter screw are pressed gently towards each other and the screw is turned a quarter turn anticlockwise. This frees the piston, so that it and the counter screw can be removed as a single piece from the column.

Resealing the column

Gently insert the piston, with the counter screw attached, into the column body, ensuring that it goes in straight and not at an angle. Bring the counter screw and the counter nut into position by turning them in such a way that the stopper of the bayonet lock fits into the opening of the counter nut. The column is sealed by turning the counter screw a quarter turn clockwise. The bayonet lock will engage audibly.



PLEASE NOTE: When inserting the piston, it is absolutely essential that it goes straight in and not at an angle. The inner glass surface and the seals must be clean, and the seals should be moistened with solvent. Both the O-rings on the AB version and the Teflon triple chevron seals on the SR version can be damaged by foreign particles or by incorrect insertion, rendering the seal useless.

The column can only be used with correctly locked end fittings, otherwise the pistons will be forced out of the column by the pressure inside. Please make sure you hear the bayonet lock click, which means that it is locked correctly.

2. FRIT REPLACEMENT

1. *Eject the old frit with the frit ejector supplied.*
2. *Insertion of new frit: the Teflon piston end can be protected by heating it (to a maximum of 121°C) before the new frit is pressed into position. Before the piston can be inserted into the column, it must be cooled back down to the temperature of its surroundings.*

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