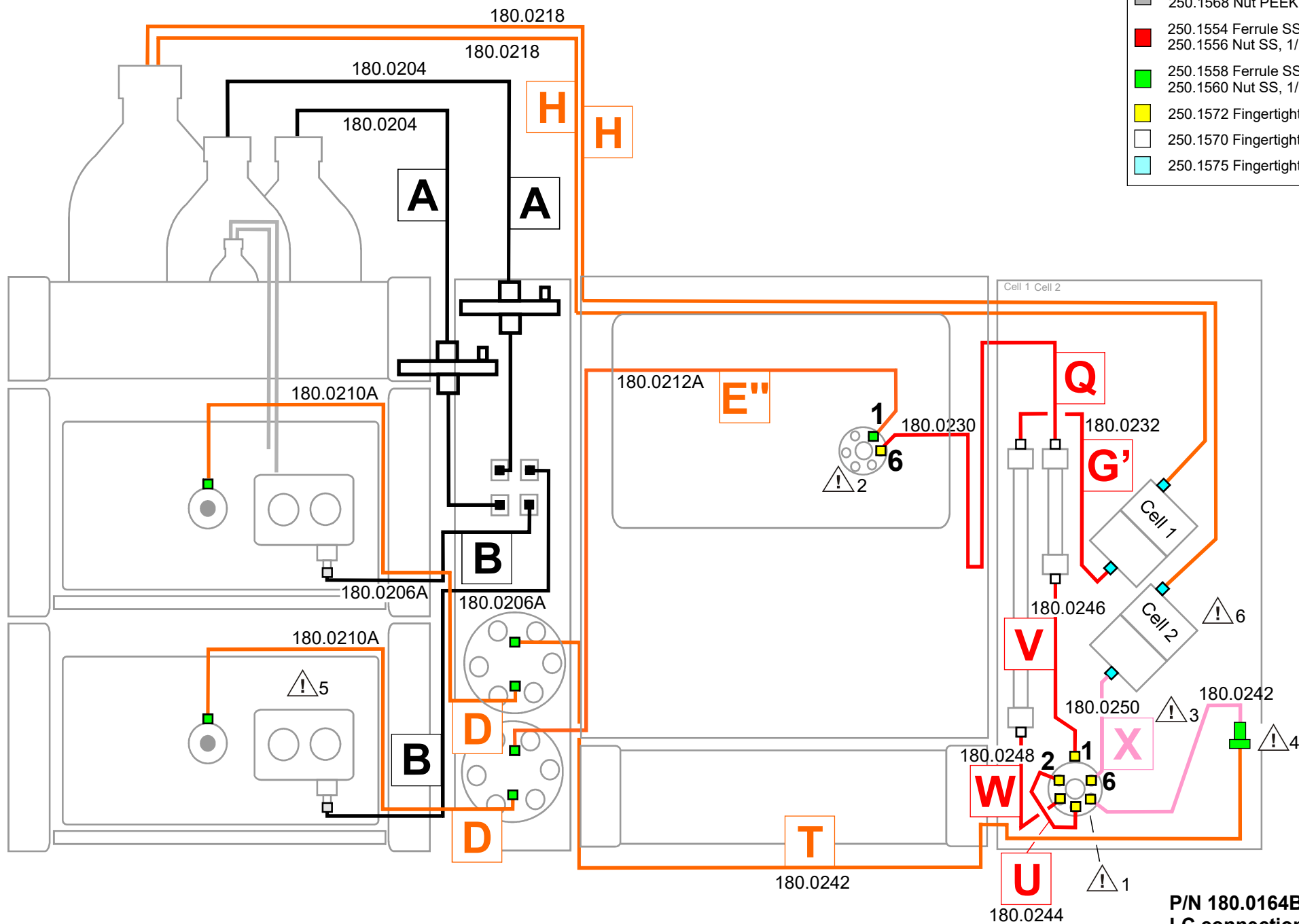




On the backside important installation information is provided for the parts marked with a caution sign.

### LC connections

- 250.1550 Ferrule Tefzel, 1/8", flangeless  
250.1552 Nut PEEK, 1/8", flangeless, 1/4-28
- 250.1566 Ferrule CTFE, 1/8", collapsible  
250.1568 Nut PEEK, 1/8", hex, 5/16-24
- 250.1554 Ferrule SS, 1/16", SSI  
250.1556 Nut SS, 1/16", SSI, 10-32
- 250.1558 Ferrule SS, 1/16", Valco  
250.1560 Nut SS, 1/16", Valco, 10-32
- 250.1572 Fingertight fitting PEEK, hex, 10-32
- 250.1570 Fingertight fitting, PEEK, 10-32
- 250.1575 Fingertight VT-03, M5



P/N 180.0164B  
LC connection kit, DCC I-I, CS



LC equipments should be used by trained laboratory personnel only. Use proper eye and skin protection when working with solvents under high pressures. Additional safety requirements or protection may be necessary depending on the chemicals used with this equipment.



### IMPORTANT INSTALLATION INFORMATION

Read the LC connection kit install guide (p/n 180.7001A), before installation of the LC connection kit.

1. First install the CS valve kit (p/n 180.0024A) inside the oven compartment of the DECADE II before installing the LC connection kit. For installation instructions, please read the valve installation manual (p/n 250.7002), provided with the valve kit.
2. Replace the 20 uL SS loop installed in the AS 100 (p/n 181.0037) with the 5 uL SS loop (p/n 181.0364) supplied in the LC connection kit.
3. For the installation of the ALEXYS DCC I-I system with column switching configuration it is required to match the pressure of the different LC channels in order to prevent pressure fluctuations during column switching steps. To achieve equal pressure levels it is necessary to cut the supplied restriction capillaries, tubing assembly T (p/n 180.0242) and X (p/n 180.0250), in a controlled way to match the pressure of the different LC channels. Please read and execute the detailed instructions in Appendix I of the LC connection kit install guide ((p/n 180.7001A).
4. The tubing assembly T (p/n 180.0242) consists of two pieces of PEEK tubing connected to each other with a PEEK bulkhead assembly (p/n 250.1860). Mount the bulkhead assy to the backpanel of the DECADE II oven compartment if possible, using one of the threads dedicated for mounting of column clamps.
5. The piston wash tubing assembly is not a part of the LC connection kit, it is supplied in the LC 110 shipkit (p/n 193.0426). Please read the installation instructions in manual 193.0010. For all pumps in the system the active piston wash should be installed (Note that in the drawing the wash tubing of the top pump only is shown as an example).
6. The cell cable of the Cell marked 'Cell 1' in the drawing should be connected to the corresponding connector marked Cell 1 in the top left corner of the oven compartment of the detector. Cell 2 should be connected to cell connector 2.

### Legend LC tubing

- FEP 1/8", 1.59 mm ID, transparent
- PEEK 1/16", 0.50 mm ID, orange-striped
- PEEK 1/16", 0.25 mm ID, blue-striped
- PEEK 1/16", 0.13 mm ID, red-striped
- PEEK 1/16", 0.064 mm ID, natural or pink-striped
- Silicone 3 mm, 1 mm ID, transparent
- Stainless Steel 1/16", 0.50 mm ID, metal