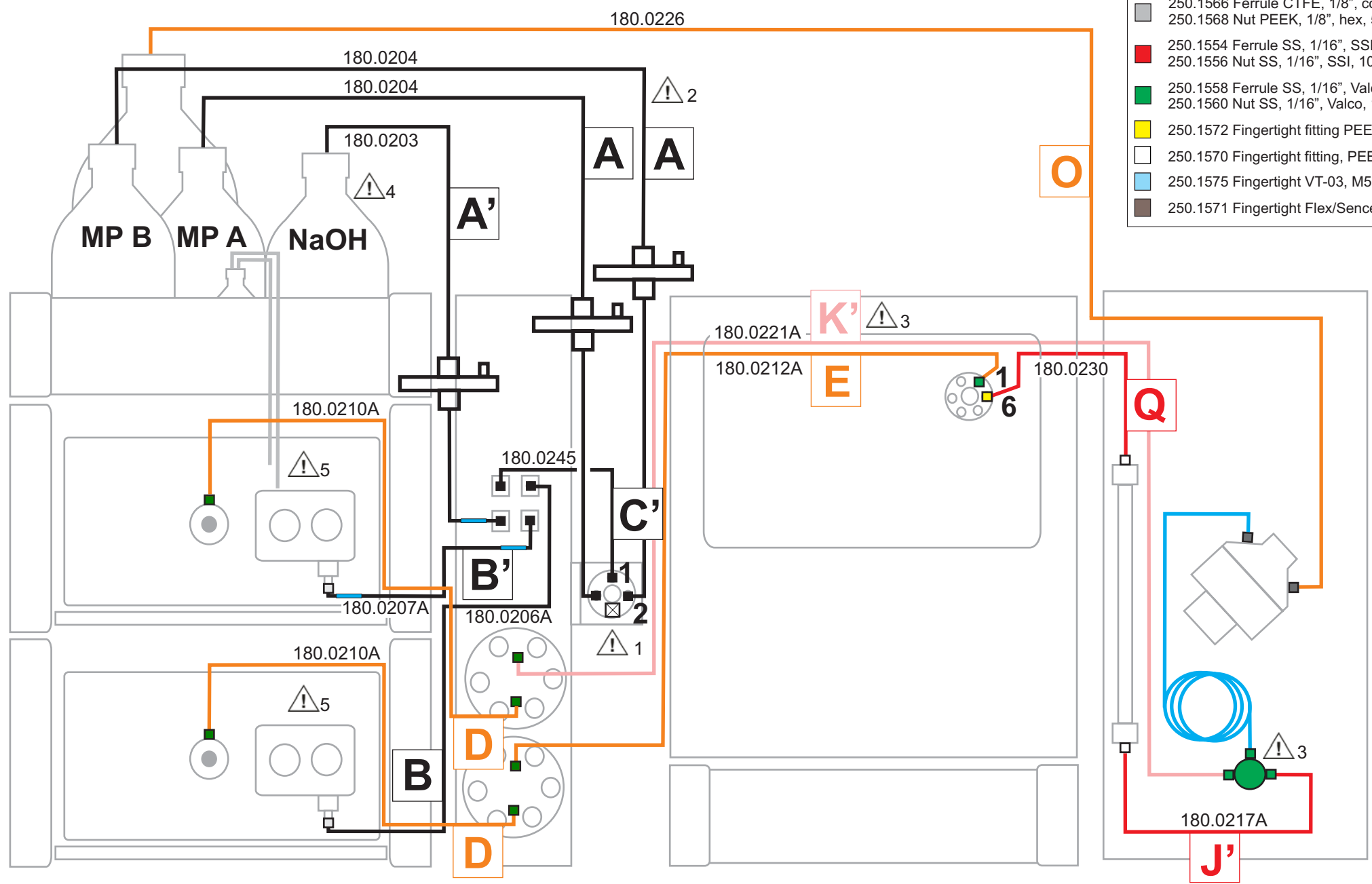
 On the backside important installation information is provided for the parts marked with a caution sign.



**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
- 250.1571 Fingertight Flex/Sencell, 10-32



### IMPORTANT INSTALLATION INFORMATION

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

1. Mount the Valco 4-port LP valve (p/n 250.0033) to the right side panel of the OR 110 organizer rack using the supplied valve bracket (p/n 250.0019), use the upper valve mounting position on the OR 110 side panel. Connect the valve-to-degasser tubing assembly (p/n 180.0245) to port 1 of the valve. Close port 3 of the valve with the fingertight plug (p/n 250.1576) supplied with the valve-to-degasser tubing assembly.
2. Connect the degasser inlet assembly (p/n 180.0204) for mobile phase A (MP A) to port 4 of the Valco 4-port LP valve. Connect the degasser inlet assembly (p/n 180.0204) for mobile MP B to port 2 of the Valco 4-port LP valve. A set of vinyl labels with the text “MP A”, “MP B” and “NaOH” supplied in the kit can be use for identification of the different low pressure solvent lines. The labels can be wrapped around the tubing.
3. Part 180.0221A, DECADE II post-column mixer assembly, consists of three parts: (1) a restrictor (pink-striped PEEK tubing), (2) a stainless steel mixing T and (3) mixing coil (blue-striped PEEK tubing). The tubing-end of the restrictor should be connected to the pulse damper outlet. The tubing-end of the mixing coil to the inlet of the cell.
4. Please use the 2.5 L plastic HDPE bottle (p/n 184.0203C) in combination with a prepunctured bottle cap from the glass bottle kit (p/n 184.0202) for the deilvery of NaOH. Exposing the analytical column to sodium hydroxide (NaOH) will cause damage to the column. Make sure that the sodium hydroxide bottle is connect to the correct LC line (for post-column mixing), before starting-up the set-up.
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 LC 100 user manual (p/n 183.0010). 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).

#### 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, pink-striped
- Silicone 3 mm, 1 mm ID, transparent
- Stainless Steel 1/16”, 0.50 mm ID, metal