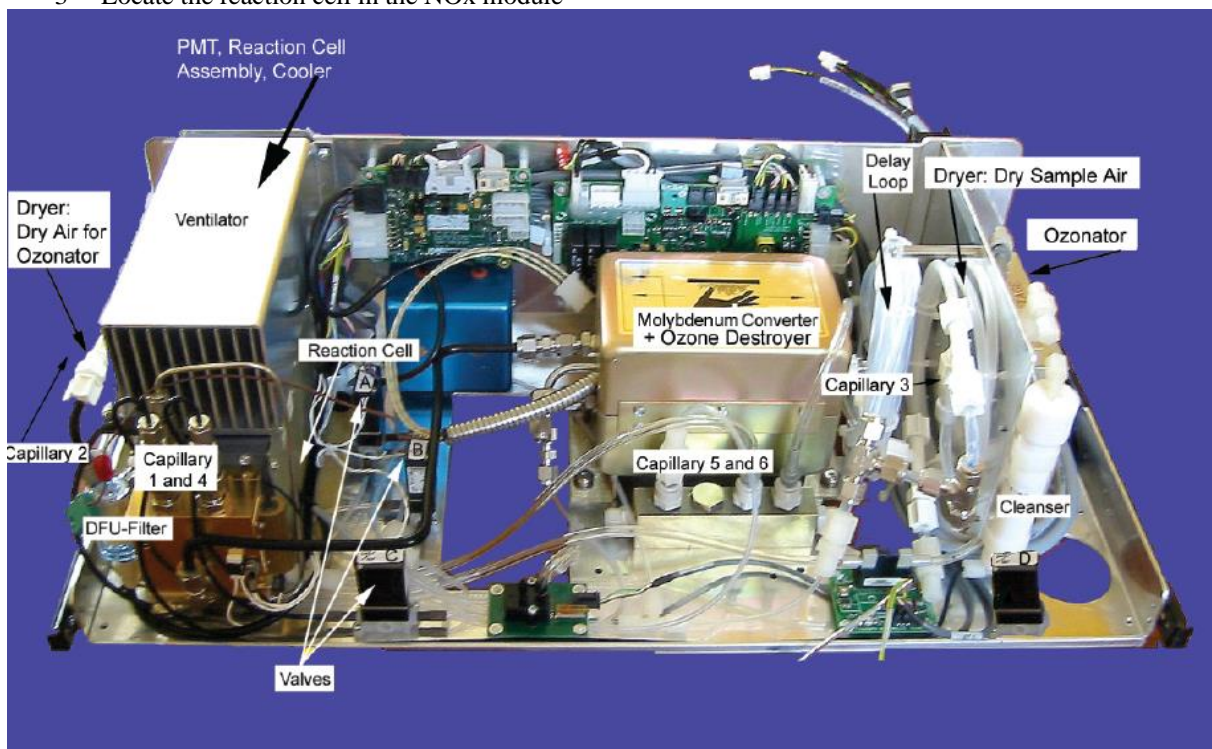


NOx module (T) – Replacing the o-rings and the capillaries

1 Reaction cell capillaries

- 1- Tools you need
 - wrenches: 5/8", 9/16", 1/2", and 7/16"
 - tweezers
- 2- Turn off and unplug the airpointer. Pull the NOx module drawer out
- 3- Locate the reaction cell in the NOx module



- 4- Unscrew the 1/8" sample and ozone air tubes from the reaction cell manifold
- 5- Unscrew the capillary holders above the reaction cell with a wrench

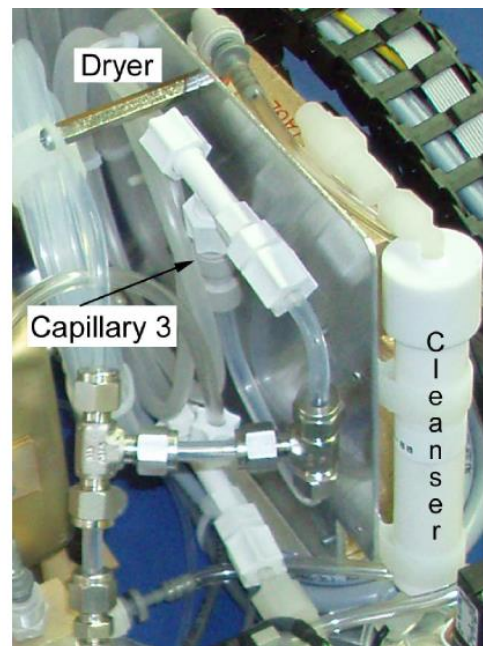
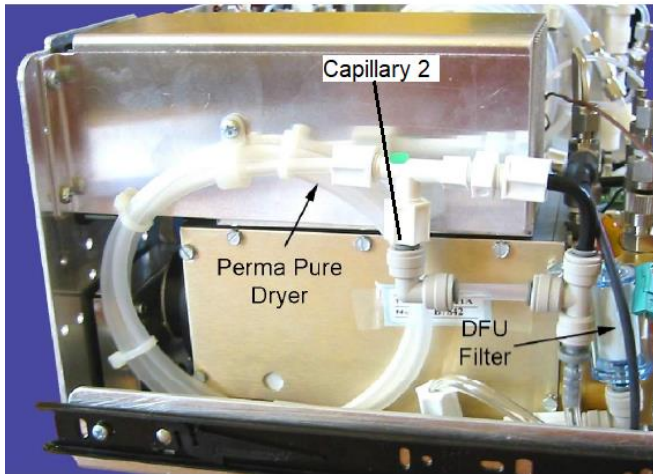
! The capillaries are color-coded: 1 has a purple dot on the side and 1 has a red dot. The color indicates a flow rate. Please check the color before you replace a capillary



- 6- Discard the o-rings, and if necessary, replace the glass capillaries. Install new o-rings. In the absence of flow / pressure / leak problems, and if the capillary looks clean and intact, put the capillary back in place
- 7- Reassemble the parts and reconnect them to the reaction cell manifold
- 8- Reconnect all tubing, power up the analyzer and, after a warm-up period of 30 minutes, perform a Sample Flow Check

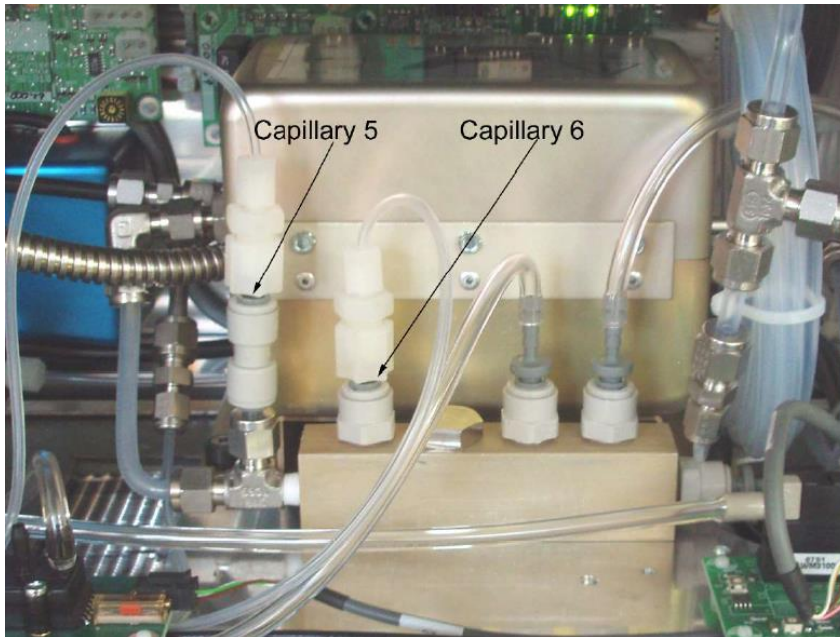
2 Dryer capillaries

To check a capillary, remove the push-fit connectors holding the capillary, inspect it and if necessary, install a new capillary. In the absence of flow / pressure / leak problems, and if the capillary looks clean and intact, put the capillary back in place



3 Flow block capillaries

Proceed in a similar way as for the dryer capillaries



4 capillaries

- Capillaries 1 -> T-4119 red
- Capillaries 2 -> 801-980001 Capillary red
- Capillaries 3 -> 801-980001 Capillary red
- Capillaries 4 -> T-4127 purple
- Capillaries 5 -> 801-980013 Capillary purple
- Capillaries 6 -> 801-980013 Capillary purple