



10-007A
21 May, 2010

M465 Restrictor Installation

V. PURPOSE:

The purpose of this note is to instruct the customer on the installation of a flow restrictor for the M465.

VI. TOOLS:

Two adjustable wrenches' or a 9/16" and a 1/2" wrench.

VII. PARTS:

KIT000315



The electronics used in T-API analyzers are sensitive to Electrostatic Discharge (ESD). When working on any T-API device, please ensure that you are properly grounded prior to handling or touching any electronic circuitry in the analyzers! For more information on how to protect sensitive components from ESD during handling, please contact T-API customer service and ask for the ESD Service note number 03-022A.

IV. PROCEDURE:

1. Remove the top cover from the instrument.
2. Locate the Particulate filter bulkhead fitting on the inner side of the rear panel (see figure #1).

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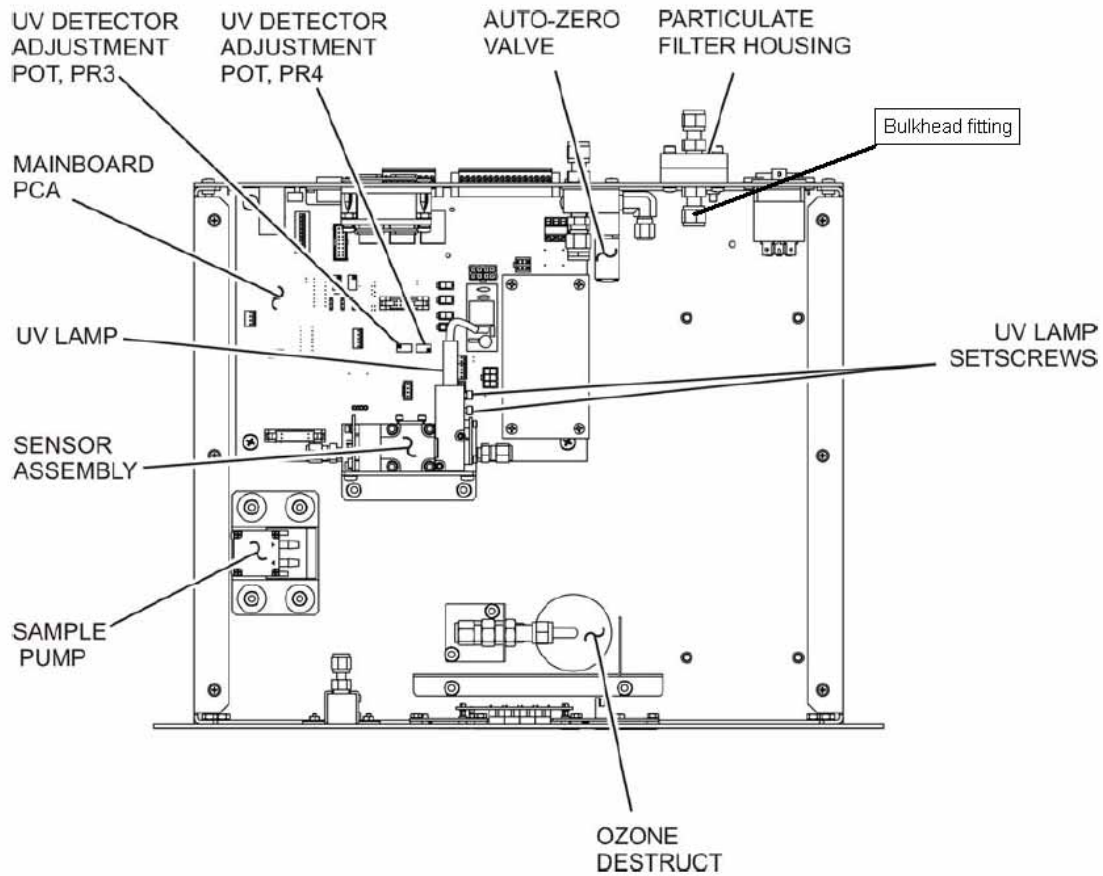


Figure #1

3. Disconnect the pneumatic tube that is connected to the bulkhead fitting.
4. Connect the female fitting of the restrictor to the bulkhead fitting (see figure #2).
5. Connect the male fitting of the restrictor to the pneumatic tube that was disconnected in step 3 (see figure #3).

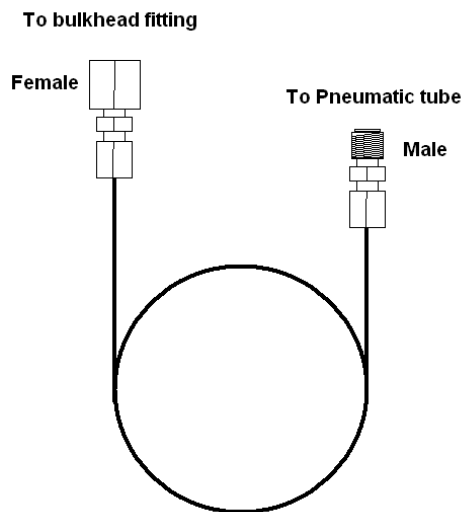
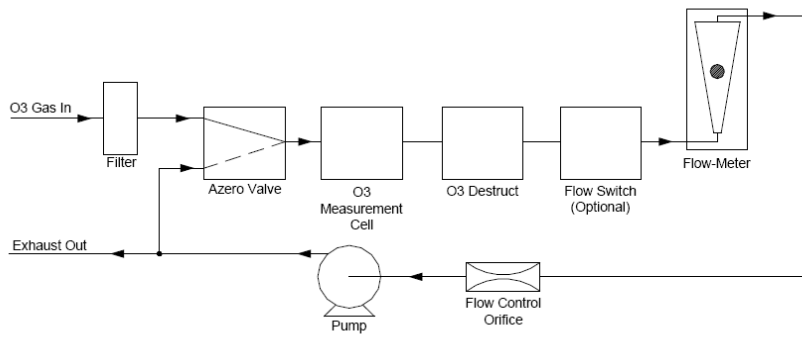


Figure #2

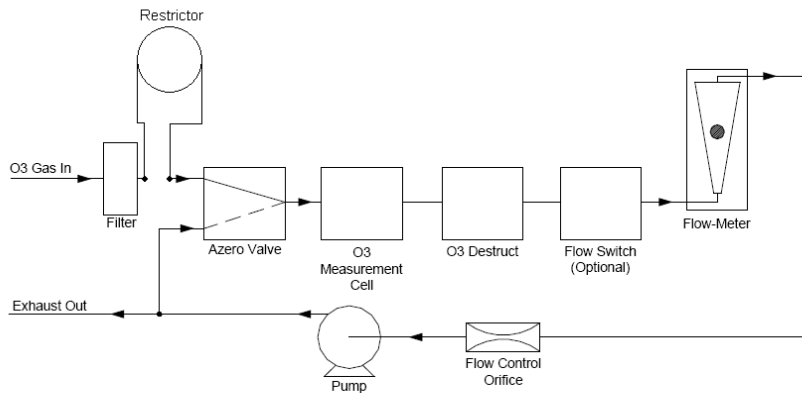
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Pneumatics before restrictor addition



Pneumatics after restrictor installation

Figure #3

6. Verify the SAMPLE PRESSURE on the display has dropped by approximately 0.2 psi.
7. Reinstall the cover.
8. Recalibration is unnecessary.

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