

## Solvent filter cleaning

XT10/XT10l and XT15/XT15l

Service Procedure **XTS016** 

JAD 1/19/2018

#### 1. Remove the back cabinet.

- a. Remove the eight screws (four on each side of the instrument) that secure the back cabinet onto the instrument using a 1/8" Allen wrench. Set aside the screws for later use.
- b. Lift up then pull back so the handles on each side slide out of the notched groove.



Figure 1



Figure 2

#### 2. Unscrew the compression fitting using a 9/16 wrench.



Figure 3



## Solvent filter cleaning XT10/XT10I and XT15/XT15I

Service Procedure **XTS016**JAD 1/19/2018

3. Unscrew the filter body using two ¾ wrenches.

One to unscrew



One to hold body

4. Remove the filter body.



5. Using a small flat head screw driver, pull the PTFE washer (part # 198) away from body to make sure that it seals properly when you re-install the filter.



6. Remove the Solvent Filter Element (part # 146.1) by unscrewing it from the body.





### Solvent filter cleaning

XT10/XT10I and XT15/XT15I

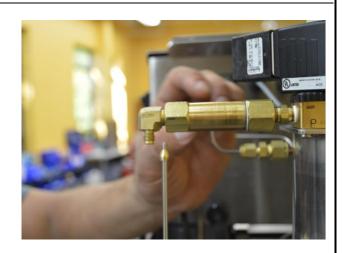
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#### 7. Clean the Solvent Filter Element thoroughly.

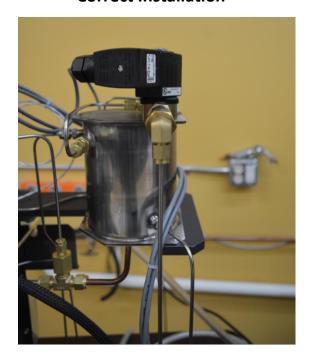
- a. Blow air through the element to remove particles.
- b. If blowing air does NOT fully clean the element, wash it in hot soapy water. Rinse the element thoroughly and dry it before re-installing.
- c. Replace the element if it is damaged or cannot be cleaned.

#### 8. Re-install the Solvent Filter Element.

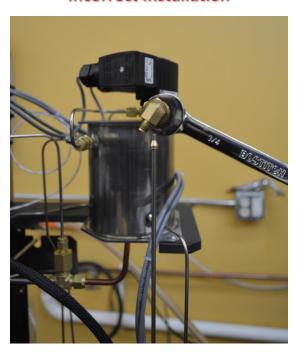
- a. Re-install the Solvent Filter Element.
- b. Re-install the filter body.
- c. If the fitting on the body installs past vertical it's time to replace the PTFE washer (see the procedure on the next page).



#### **Correct Installation**



### **Incorrect Installation**





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### How to replace the PTFE washer (if necessary)

a. Separate the washer from the body using a small screw driver.

- b. Slide the washer over the mesh screen to remove it from the instrument.
- c. Install a new washer by sliding it over the mesh screen and placing it next to the body.

