

## Installing the Inline Precolumn Filter Kit

The inline precolumn filter protects chromatographic columns from contamination. It does not eliminate the need for sample and solvent filtration. You can use the filter in vitro diagnostic applications.

The Inline Precolumn Filter Kit consists of a filter assembly, a spare filter insert, and a connector (Figures 1).



Figure 1 - Inline Precolumn Filter Kit

### Parts required

Table 1: Parts Required [Table caption]

Part number	Description	Qty
WAT084560	Inline Precolumn Filter Kit	1

### Tools/Materials Required

- Two 5/8-inch wrenches
- Two 5/16-inch wrenches

### Procedure

The procedure to install the Inline Precolumn Filter Kit has two parts:

1. Installing the precolumn filter
2. Replacing the filter insert

## Installing the Precolumn Filter

1. Stop the solvent flow.
2. Disconnect the column inlet from the injector tubing using two 5/16-inch wrenches.
3. Connect the injector tubing to the inlet port of the filter assembly (Figures 2).

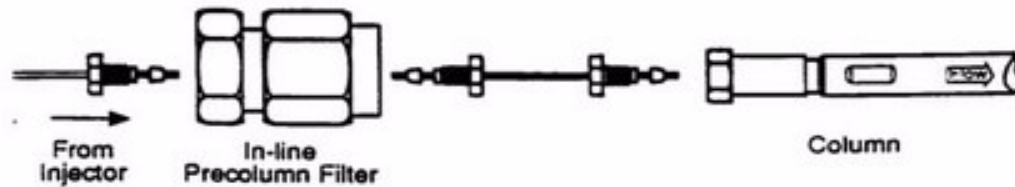


Figure 2 - Installing the Precolumn Filter

4. Attach the connector between the filter assembly and the column inlet.
5. Tighten all connections.

## Replacing the Filter Insert

1. Stop the solvent flow.
2. Use one 5/16-inch wrench and one 5/8-inch wrench to remove the filter assembly from the fluid line.
3. Disassemble the filter using two 5/8-inch wrenches (Figures 3).

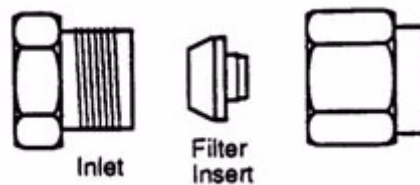


Figure 3 - Replacing the Filter Insert

4. Replace the clogged filter insert with the new one.
5. Reassemble the filter.
6. Reinstall the filter assembly into the fluid line.
7. Tighten all connections.