

# TF Series Tee-Type Filter

## Service Instructions



### Kit Contents

Gasket Kit



Gasket

Element Kit



Filter element



Label

### ⚠ WARNING

Before servicing any installed filter you must

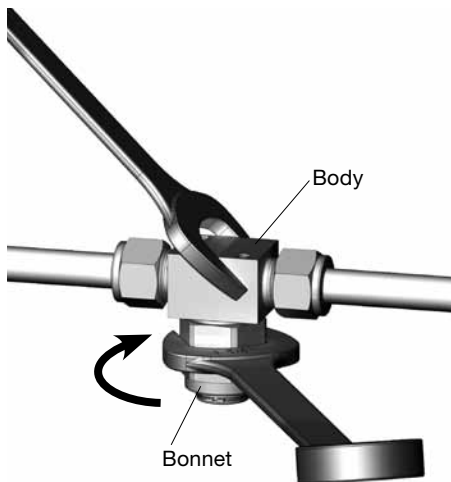
- depressurize system
- purge the filter to remove any residual system media.

### ⚠ WARNING

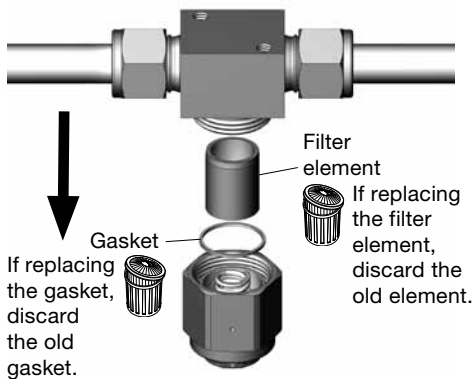
Residual system media may be left in the filter.

### Disassembly

1. Isolate the filter from the system.
2. Stabilize the **body** with a wrench. Loosen the **bonnet**.



3. Remove the components.



### Tools Required

Tool	Size	Component
Open-ended wrenches	2TF, 4TF: 1 in. 6TF, 8TF: 1 1/8 in.	Bonnet, Body
Crow's foot	2TF, 4TF: 1 in. 6TF, 8TF: 1 1/8 in.	Bonnet
Torque wrench	Capable of 650 in.-lb (73.4 N-m)	Bonnet

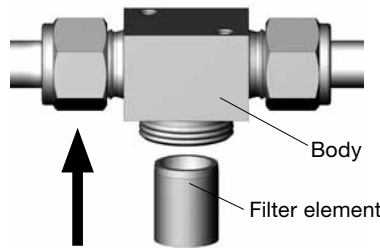
### Definition of Symbols



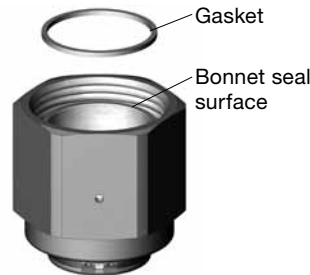
Discard

### Reassembly

4. Clean all of the components.
5. Press the open end of the **filter element** into the **body**.

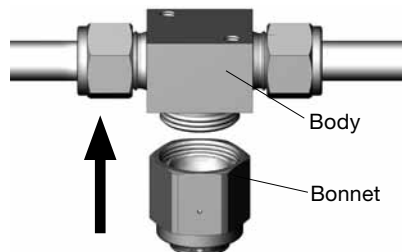


6. Center the **gasket** on the **bonnet seal surface**.

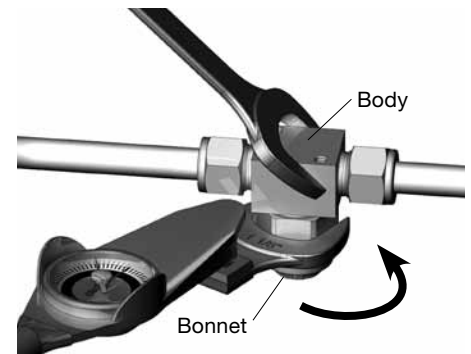


7. Thread the **bonnet** onto the **body** until the body threads are no longer visible.

Note: If the bonnet does not fully thread onto the body, the gasket is not centered on the bonnet seal surface.



8. Stabilize the **body** with a wrench. Tighten the **bonnet** according to table below.



Series	Torque, in.-lb (N-m)	
	Stainless Steel	Brass
2TF, 4TF, 3TF-MM, 6TF-MM	550 (62.2)	450 (50.8)
6TF, 8TF, 8TF-MM, 10TF-MM, 12TF-MM, 14TF-MM	650 (73.4)	475 (53.7)
All using PCTFE gasket	1/4 turn past finger-tight	

9. Place the new label on the filter body.
10. Test the product for proper operation.

# F Series Inline Filter Service Instructions



## Kit Contents

Gasket Kit

Element Kit



Gasket



Filter element



Label

### ⚠ WARNING

Before removing a filter from the system for service, you must

- depressurize system
- purge the filter to remove any residual system media.

### ⚠ WARNING

Residual system media may be left in the filter.

## Tools Required

Tool	Size	Component
Open-ended wrenches	2F: 9/16 in. 4F: 3/4 in. 6F, 8F: 1 in.	Body hex
Crow's foot	2F: 9/16 in. 4F: 3/4 in. 6F, 8F: 1 in.	Body hex
Torque wrench	Capable of 500 in.-lb (56.5 N-m)	Body hex

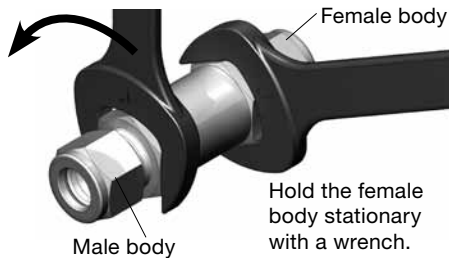
## Definition of Symbols



Discard

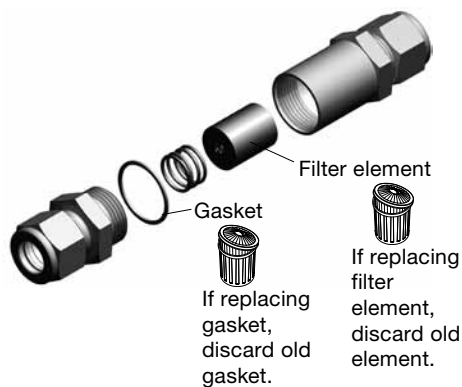
## Disassembly

1. Remove the filter from the system.
2. Loosen the **male body** from the **female body**.



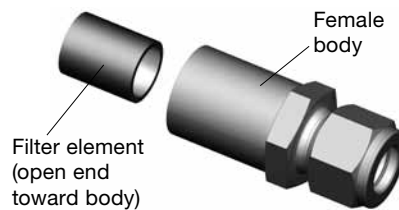
3. Remove the components.

Note: Use a blunt tool to loosen the filter element if necessary.

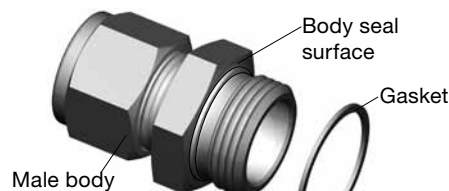


## Reassembly

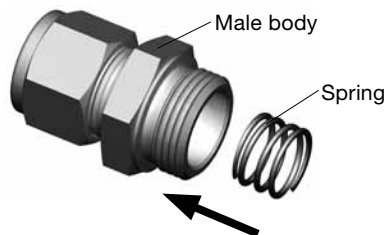
4. Clean all components.
5. Press the open end of the **filter element** into the **female body**.



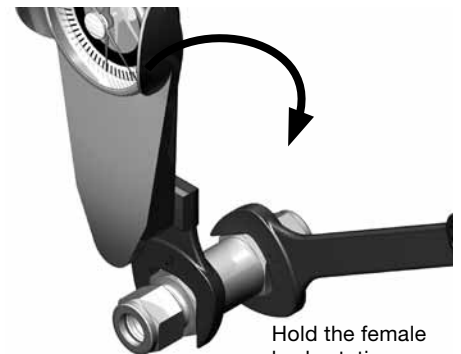
6. Place the **gasket** on the **body seal surface** of the **male body**.



7. Insert the **spring** into the **male body**.



8. Thread the bodies together.  
Note: There will be no space between the gasket and the male body hex when the bodies are fully threaded.
9. Tighten the male body according to table below.



Series	Torque, in.-lb (N-m)	
	Stainless Steel, Alloy 400, Alloy C-276, Alloy 600	Brass
1F, 2F, 3F-MM	135 (15.2)	125 (14.1)
4F, 6F-MM	350 (39.6)	325 (36.7)
6F, 8F, 10F-MM, 12F-MM	500 (56.5)	450 (50.8)

10. Place the new label on the female body.
11. Test the product for proper operation prior to reinstallation in system.