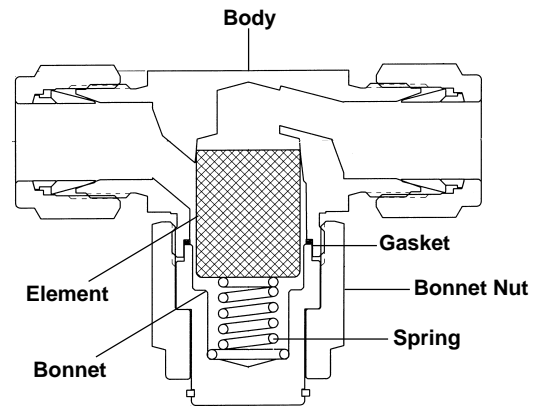


Disassembly

1. Loosen **bonnet nut** and remove bonnet assembly (bonnet nut, bonnet, spring and retaining ring) from **body**.
2. If replacing filter **element**, remove used element and discard.

Reassembly

3. Before reassembling the filter, be certain all components are clean and free of contamination.
4. Align the new **element** parallel to the filter bore positioning the open end of the element towards the body, and press securely in place.
5. Lubricate **gasket** with thin film of system-compatible lubricant. Place **gasket** on body seal surface.
6. If installing a new **spring**, press the spring into the bonnet assembly with the **large end** of the spring first.
7. Holding the body stationary, thread the **bonnet assembly** (or bypass bonnet assembly) onto the body finger-tight.
8. Tighten the **bonnet nut** to the proper torque shown in the chart below.
9. Test the **filter** for proper operation and leaktight sealing.



Size and Series	Torque, in.-lb (N-m)			
	Standard Assembly		No Lubrication on Gasket	
	Stainless steel	Brass	Stainless steel	Brass
2TF, 4TF 3TF-MM, 6TF-MM	500 (57)	450 (51)	550 (62)	450 (51)
6TF, 8TF 8TF-MM, 10TF-MM, 12TF-MM	600 (68)	450 (51)	650 (73)	450 (51)
All sizes with PCTFE gasket	—	—	One quarter turn past finger-tight	

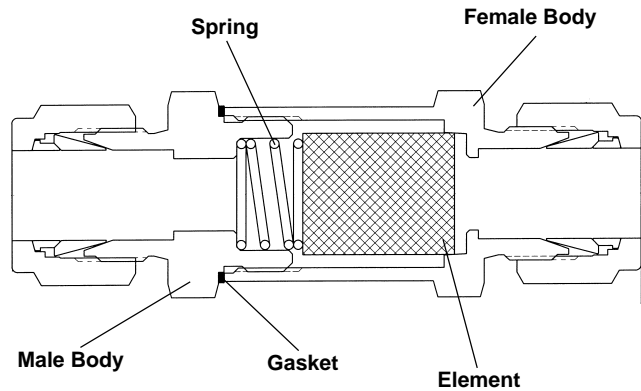


Disassembly

1. Loosen **male** and **female bodies** and disassemble.
2. If replacing filter **element**, remove used element and discard.

Reassembly

3. Before reassembling the filter, be certain all components are clean and free of contamination.
4. Align the new **element** parallel to the filter bore of the **female body** positioning the open end of the element towards the body, and press securely in place.
5. Lubricate **gasket** with thin film of system-compatible lubricant. Place **gasket** on body seal surface of **male body**.
6. Place the spring into the **male body**.
7. Thread the **male** and **female bodies** together finger-tight.
8. Tighten the **bodies** to the proper torque shown in the chart below.
9. Test the **filter** for proper operation and leaktight sealing.



Size and Series	Torque, in.-lb (N-m)		
	Standard Assembly		Unplated Gasket
	Stainless steel	Brass	Stainless steel
1F, 2F, 3F-MM	135 (15)	125 (14)	—
4F, 6F-MM	350 (40)	325 (36)	500 (56)
6F, 8F, 10F-MM, 12F-MM	500 (56)	450 (50)	800 (90)

