

KEEP THIS DOCUMENT WITH THE PRODUCT UNTIL IT REACHES THE END USER.

Service Kit Number FM125-0022 (See FIGURE 1 for item numbers.)

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	FM125-5012	BALL CARRIER INSTALLATION TOOL (not shown) Included with FM125-0022 ONLY.
2	2	P5-287-R0	#2-215 PARKER O-RING N674-70
3	2	P5-067-R2	#2-124 PARKER O-RING N674-70
4	1	108-2003	#2-122 PARKER O-RING N674-70
5	1	P5-288-R0	Quad Ring NP4-127BN70

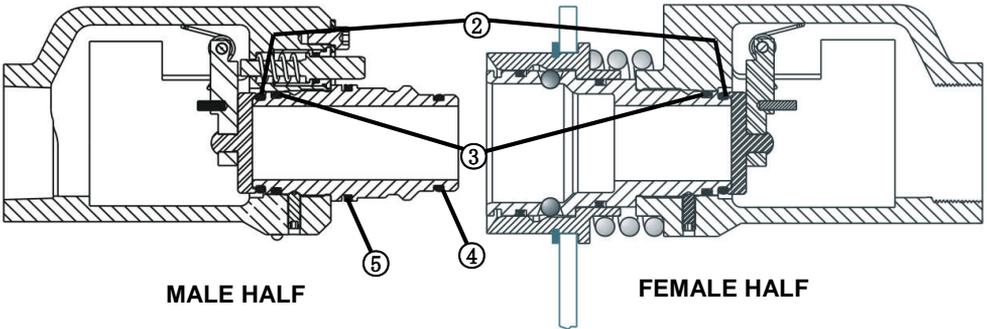
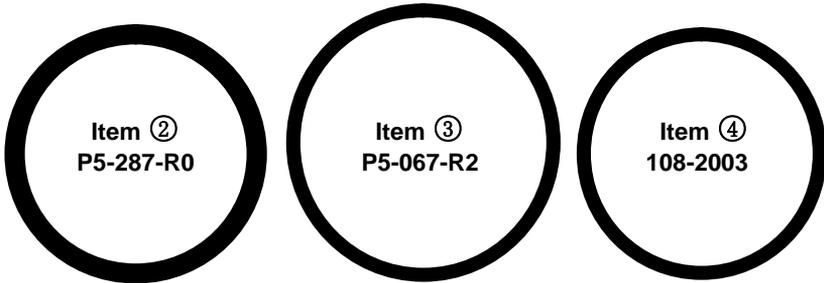


FIGURE 1



Tools Needed: Large Flat Blade Type Screwdriver, 3/32" Allen Wrench, 5/32" Allen Wrench, 18" Adjustable Wrench, Non-Petroleum Based Lubricant

Manual Disconnect Instructions (Refer to FVC062)

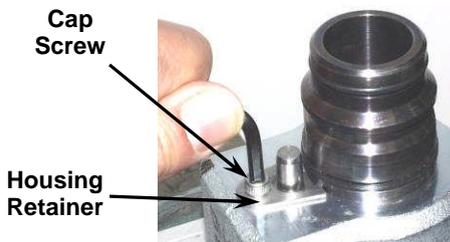
See Installation, Operation and Maintenance Manual number FVC062, page 11, for warnings and manual disconnect instructions.

To Replace O-Rings ②, ③ & ④ on the Male Half (See FIGURE 1 for item numbers.)

1. Secure the Male Half in a bench vise with the Male Plug facing upward. Using a 3/32" Allen wrench, loosen the Set Screw until its end is about 1/8" out from the body.



2. Using a 5/32" Allen wrench, remove the Cap Screw and Housing Retainer from the Male Body.



3. Using a large adjustable wrench, turn the Male Plug counter-clockwise and remove it from the Body.

NOTE: Use caution to avoid damage to the Plunger.

AVOID DAMAGE TO THE PLUNGER



NOTE: If the Check Valve Plunger is to be replaced (Service Kit Number FM125-0023), see the FVC065 for instructions.

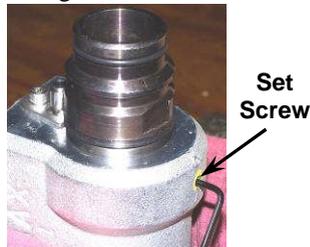
4. Lubricate the new O-Rings & Quad Ring with a non-petroleum based lubricant and replace them as designated in Figure 1.
5. Lightly lubricate the Male Plug threads with a non-petroleum based lubricant.



6. Install the Male Plug into the Body, **hand-tight only**.
7. Place the Retainer over the threaded hole, secure with the Cap Screw, and tighten with the 5/32" Allen wrench.



8. **Taking care not to damage the Plunger, tighten the Male Plug with a large adjustable wrench.**
9. Tighten the Set Screw on the side of the Body, using the 3/32" Allen wrench.

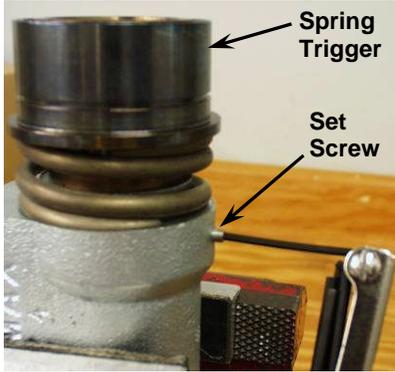


10. The manufacturer suggests that an air test be performed on the entire assembly prior to returning to service.
11. After testing, refer to Installation, Operation and Maintenance Manual number FVC062 for warnings and re-installation instructions.

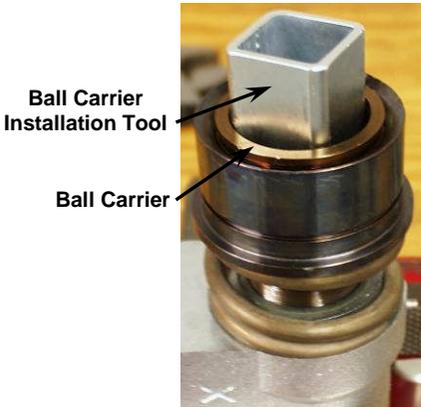
To Replace O-Rings ② & ③ on the Female Half (See FIGURE 1 for item numbers.)

1. Using a screwdriver, remove the Retaining Ring from the bracket to release the Female Half.

2. Secure the Female Half in a bench vise with the Spring Trigger facing upward. Using a 3/32" Allen wrench, loosen the Set Screw until its end is about 1/8" out from the body.



3. Place the Ball Carrier Installation Tool inside the Ball Carrier.



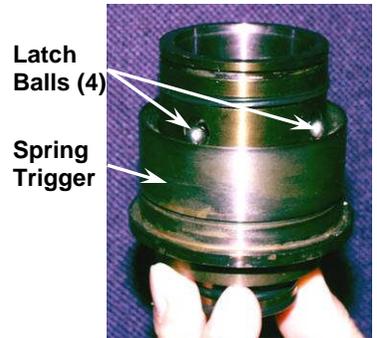
4. Using the 18" adjustable wrench, turn the Installation Tool counter clock-wise until the Ball Carrier is free from the body.



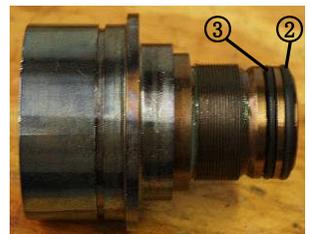
CAUTION

Do not remove the Ball Carrier from the Spring Trigger. Doing so will release the Latch Balls from the assembly.

- NOTE:** In the event that the Latch Balls are released from the assembly, hold the Male Plug at the bottom with the Spring Trigger exposing the four ball cavities. Place one Latch Ball into each cavity and slide the Spring Trigger upward, over the balls.



5. Lubricate the new O-Rings with a non-petroleum based lubricant and replace the O-Rings as designated in Figure 1.

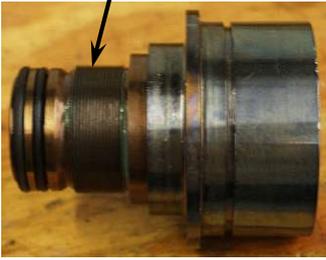


6. To re-assemble the Female Half, place the Spring on top of the Body.



7. Lightly lubricate the Ball Carrier threads with a non-petroleum based lubricant.

Lubricate Threads Lightly



8. Place the Ball Carrier atop the Spring and thread into the Body.



9. Using the Ball Carrier Installation Tool, tighten the Ball Carrier until there it meets the Body.

Tighten the Ball Carrier until it meets the Body.



10. Using the 3/32" Allen wrench, re-tighten the Set Screw.



11. The manufacturer suggests that an air test be performed on the entire assembly prior to returning to service.
12. After testing, refer to Installation, Operation and Maintenance Manual number FVC062 for warnings and re-installation instructions.