

Gasket Replacement

RF

A rubber gasket is used as a seal between the electronics module and the glass bottle in the ANKOM^{RF} Gas Production System. You will need to replace the gasket if it leaks or the adhesive that secures it to the housing begins to fail. Beginning in April of 2012, a new Viton[®] gasket has replaced the original adhesive gasket. If you are currently in possession of adhesive gaskets and would like to replace them with Viton[®] gaskets, please contact us at service@ankom.com or 315.986.8090. To replace the adhesive gasket with a Viton[®] Gasket, follow the procedure detailed below.

1. Remove the glass bottle from the RF1 Housing. Using a small flat spatula or screwdriver with NO sharp edges, remove the failing rubber gasket as shown in Figure 1.



Figure 1

2. Remove the adhesive film layer by working it from the outside edges toward the center as shown in Figure 2.

Warning: Any scratches or gouges in the surface will cause pressure leaks.



Figure 2

3. Pull the adhesive layer away from the housing as shown in Figure 3.

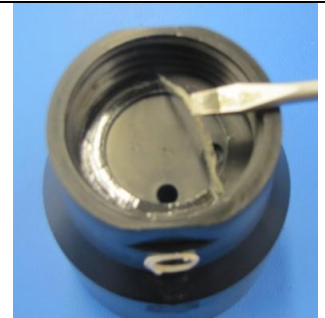


Figure 3

4. Begin to lift the adhesive film and gently pull this film out as shown in Figure 4.



Figure 4

5. Clean the adhesive residue from the housing with a general purpose adhesive remover as shown in Figure 5. In the United States, we have a citrus based cleaner called Goo Gone® that works well for this step.



Figure 5

6. Apply a thin layer of Synthetic Grease w/PTFE (RF41) to one side of the new Viton® Gasket (7074), and position it on the underside of the housing tucked behind the threads of the housing. Refer to Figure 6.



Figure 6

7. Reapply Synthetic Grease w/PTFE to the top lip of the glass bottle as shown in Figure 7.



Figure 7

07/15/2014

8. Attach the module to the bottle by screwing it on finger tight plus an additional 1/8 of a turn. See Figure 8. Run Service Procedure 171 to retest for leaks.



Figure 8