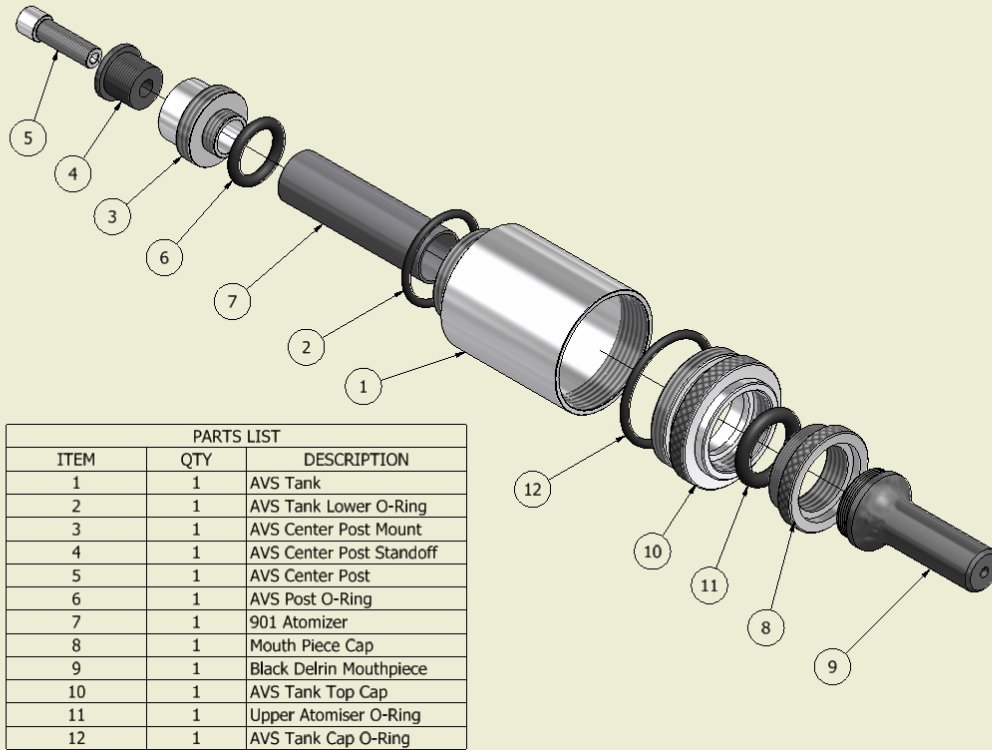


I understand that the illustrations in this procedure may not be like yours as it is for a 901 atomizer and not the 510 Atomizer (I do not have the 510 adapter to illustrate). But the basic principle is still the same.

- 1.) Screw Atomizer (Figure 1-7) onto Center Post Mount (Figure 1-3). Do not use Vaseline on this connection and make sure it is tight.
- 2.) Screw Center Post Standoff (Figure 1-4) into Center Post Mount (Figure 1-3). Do not over tighten as it will make it hard to take apart in future.
- 3.) Screw Center Post (Figure 1-5) into Center Post Standoff (Figure 1-4) until it is tight.
- 4.) Using a Multi-meter, check the resistance between the Center post (Figure 1-5) and the Center Post Mount (Figure 1-3). The resistance value should be the same as the atomizer +/- 0.2 ohm.
- 5.) Place O-ring (Figure 1-6) over the Atomizer and slide it down until it is at the base of the atomizer. (NOTE: I am not sure if this is used with the 510 Adapter. So, you may need to skip this step)
- 6.) Apply a very thin coat of Vaseline to the threads of Center Post Mount (Figure 1-3) and screw it into the bottom of the AVS Tank (Figure 1-1) tightly.
- 7.) Using a Multi-meter, check the resistance between the Center post (Figure 1-5) and the side of the AVS Tank (Figure 1-1). The resistance value should be the same as the atomizer +/- 0.2 ohm.
- 8.) Assemble the Collection Tank (if not already done) using a "thin coat" of Vaseline on all threads and the O-rings.
- 9.) Using a Multi-meter, check the resistance between the Collection Tank Center Post (Figure 2-2). The resistance should be infinity (meaning an open contact and no shorts).
- 10.) Attach the AVS Tank Assembly (No liquid in tank and no top cap yet) to the Collector Tank Assembly.
- 11.) Using a Multi-meter, check the resistance between the Collection Tank Center Post (Figure 2-2) and the side of the Collection Tank (Figure 2-9). The resistance value should be the same as the atomizer +/- 0.2 ohm.

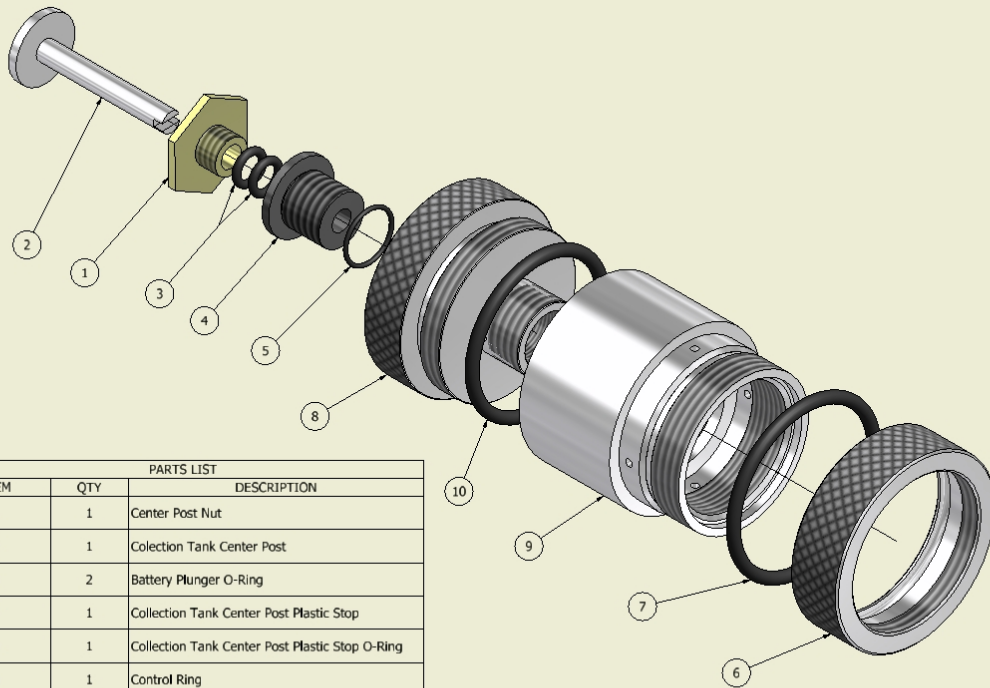
If everything checks out based on these instructions, then the problem is not the AVS tank. If you are using Protected Batteries, make sure that you are not over tightening the telescope as this could cause damage to the little circuit board in the top of the battery. The battery may still work with a crack in the PC board, but if you apply just a bit too much pressure, it won't work.

**Figure 1**



PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	AVS Tank
2	1	AVS Tank Lower O-Ring
3	1	AVS Center Post Mount
4	1	AVS Center Post Standoff
5	1	AVS Center Post
6	1	AVS Post O-Ring
7	1	901 Atomizer
8	1	Mouth Piece Cap
9	1	Black Delrin Mouthpiece
10	1	AVS Tank Top Cap
11	1	Upper Atomiser O-Ring
12	1	AVS Tank Cap O-Ring

**Figure 2**



PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	Center Post Nut
2	1	Collection Tank Center Post
3	2	Battery Plunger O-Ring
4	1	Collection Tank Center Post Plastic Stop
5	1	Collection Tank Center Post Plastic Stop O-Ring
6	1	Control Ring
7	1	Control Ring O-Ring
8	1	Collection Tank - Bottom
9	1	Collection Tank-Top
10	1	Collection Tank Lower O-Ring