

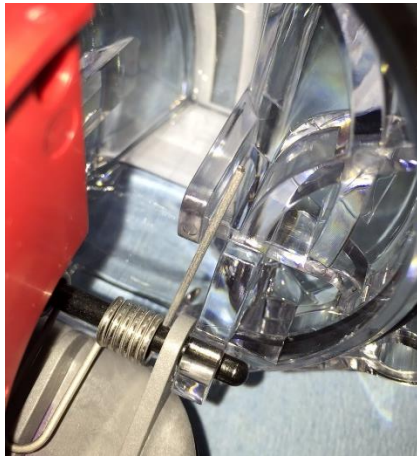
Service Repair Kit for FlowVis® (Part Number: FV-SK)

Under normal operating conditions, the FlowVis® is designed to operate for many years without a need for service or repair. However, when exposed to chemicals and temperatures that are far beyond normal swim ready pool water conditions, premature failures can result. Specifically, a very high concentration of chlorine caused by the failure of third-party chlorine feeders and especially when related to pump run dry conditions, can create heated and super-chlorinated water vapor that can attack any metallic or soft rubber materials and destroy them. Failures due to these kinds of system related issues are not related to FlowVis quality or manufacturing defects and are the responsibility of the owner. The following instructions will allow the owner or service provider to replace these items with minimal time and effort.

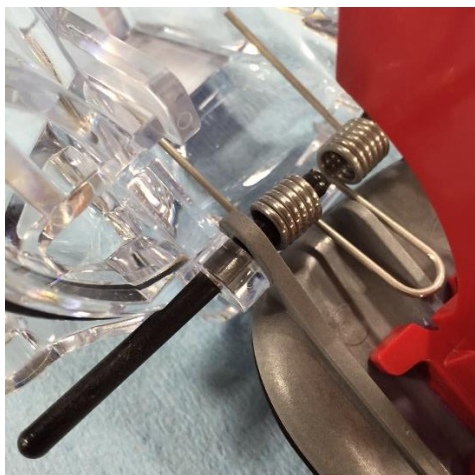
Important Note: *In order to prevent a recurrence of this event, we strongly encourage you to repair or replace the third party device that caused the issue. H2flow does not provide warranty coverage for FlowVis units that have been damaged by high concentrations of chlorine or other chemical reactions.*

Service Procedure:

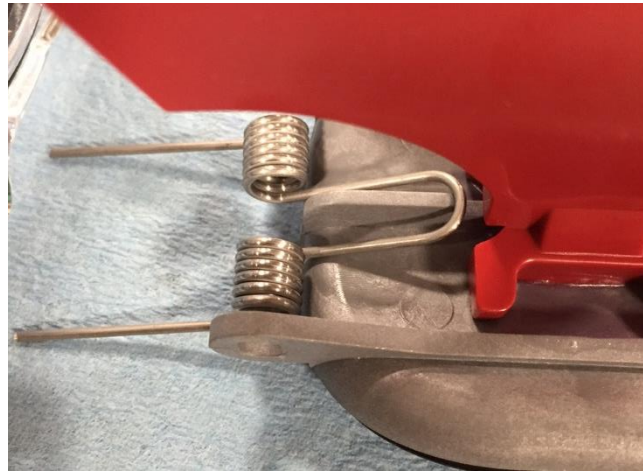
1. Remove the FlowVis lid by unscrewing the (8) Philips head screws. Retain these screws for reassembly.
2. Remove the o-ring from the underside of the lid's rim and discard this item.
3. Examine the flapper seal, spring and pivot pin and determine which items need to be replaced. The Service Kit includes all items plus a new o-ring for the lid. If in any doubt, it is recommended that all items be replaced.
4. With the lid turned upside down, release both legs of the spring from their normal position



5. With the spring legs released, the tension will be off the spring and the pivot pin will be free to remove



6. Discard the items that you will be replacing. Note that the existing Pin may be 316 Stainless Steel whereas the new pin will be Glass Filled Plastic.
7. Position the new spring as shown below:



8. Position the legs of the spring over their normal operating position location and slide in the new pivot pin, making sure that it is centered when fully entered.



9. Move the flapper back and forth, making sure that you have a smooth motion from zero flow to full flow on the lid's scale.
10. Position the new pre-lubricated lid o-ring on the underside of the lid.
11. Re-attach the lid with the previously retained (8) Philips screws, making sure that you gradually tighten them down in a diagonal sequence so as to avoid twisting and cracking the lid
12. Start the pump and check for leaks