

KegLand Regulator Servicing Manual

Resolving Pressure Creep



Regulators are high a precision piece of equipment and the internals of the regulator are sensitive to damage and contamination in particular.

One of the most common issues with regulators is contamination which gets caught inside the seal inside the seat and seat cap assembly. Irrespective of the brand or design of the regulator all regulators can suffer pressure creep if contamination gets into the wrong part of the seat and seat cap assembly. When this happens it will allow gas to pass between the high pressure and low pressure side of the regulator. This results in pressure creep.

Pressure Creep

Pressure creep is when high pressure gas leaks to the low pressure side of the regulator. So even when the grey plastic adjustment knob is removed from the regulator the pressure in the low pressure side will continue to increase until the pressure relief valve opens.

Try prevent pressure creep KegLand regulators are manufactured with double filtration in the inlet spigot of the regulator and also with an additional filter that sits under the seat and seat cap assembly. These two filters catch and prevent pressure creep and reduce the chance of pressure creep all together.

In addition to this KegLand regulators are made with a fully encapsulated seat and seat cap design. This design makes it easier to service the regulator and also further reduces the chance of pressure creep.

Even with excellent regulator design and several preventative measures it is still possible for pressure creep to occur and this manual has been written to describe how to resolve this issue.

Step 1



Remove the bonnet from the regulator with a large shifter.

The bonnet is a standard right hand thread so screw it anti-clockwise to remove.

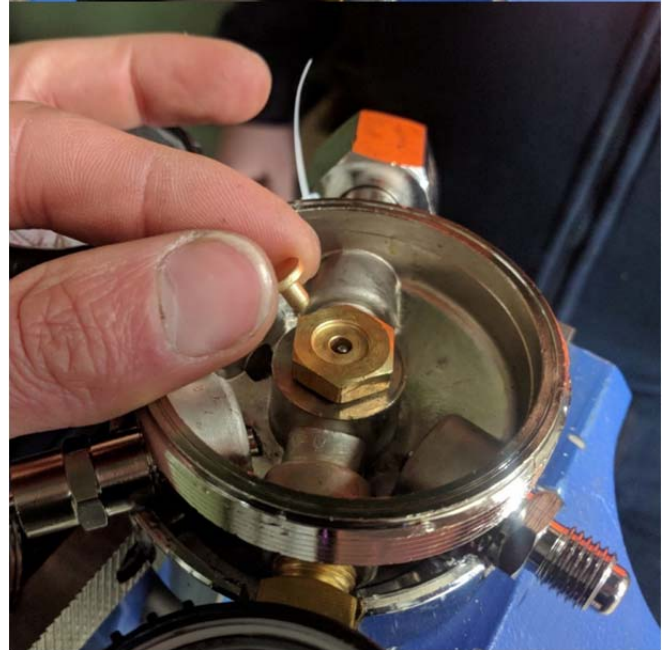
Step 2

Once the bonnet has been removed you will see the brass seat and seat cap assembly. (see right)



Step 3

Carefully remove the button from the middle of the seat and seat cap assembly.



Step 4

Using a 16mm Socket set remove the seat and seat cap assembly as shown below:



Step 5

Insert the new seat and seat cap assembly making sure that all surfaces and parts are extremely clean.

Contamination in any of these components might cause the problem to come back.



Once the new seat and seat cap assembly is installed re-insert this back into the regulator body and tighten with 16mm Socket.

Place the button back into the middle of the seat and seat cap assembly that you removed in Step 3

Step 4

If your bonnet and diaphragm came out in one piece in in step 1 then place this back on the regulator body and tighten up.

If however the diaphragm came out of the bonnet then assemble this and place back onto the regulator body as shown below.



Step 5

Tighten up the bonnet onto the regulator body:



Step 6

Do a pressure check to confirm the regulator holds pressure.