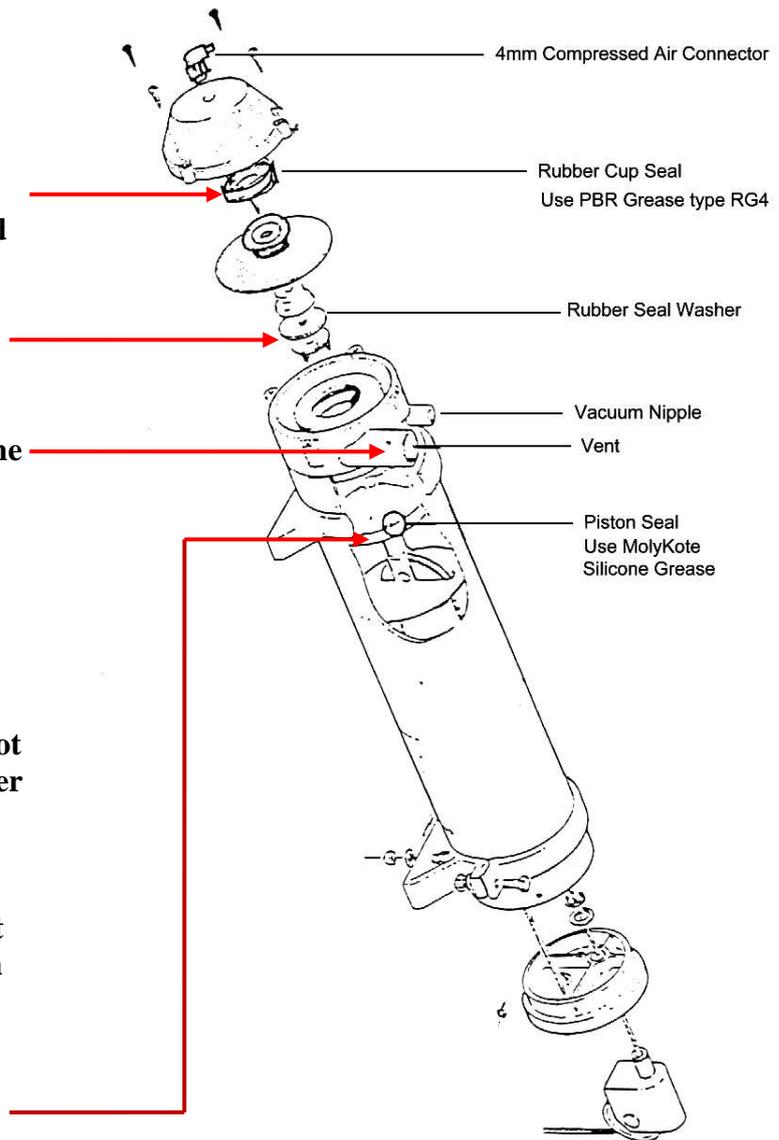




Vacuum Cylinder Servicing

Vacuum Cylinder & Servicing

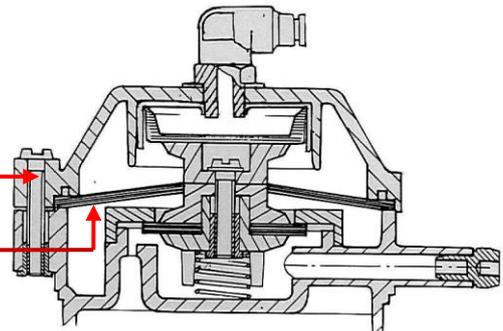
1. A new cylinder will operate for many years trouble free.
2. If the cord pulls up slow then the rubber cup seal may be dry and need to be cleaned and lubricated with PBR grease.
3. Replace Rubber Seal Washer:
 - (a) If the cord won't pull the cups up or is slow and you block the vent with your thumb and they pull up ok then the rubber seal washer needs to be replaced. (see page 2)
 - (b) Also if the cord is hard to pull out when Automilkers are on green light, then the vacuum is not shut completely off and the rubber seal washer may need to be replaced.
4. Also if cord won't pull out then it could be Mason Bees have built a nest on top of the large diaphragm.
5. Lubricating the piston seal with silicon grease should be done if leaking excess vacuum.



Procedure for Removal and Replacement of the Seal Servo Washer

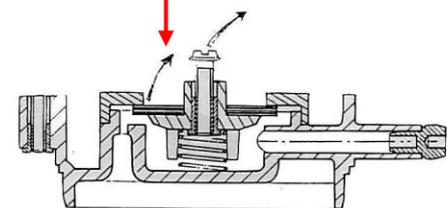
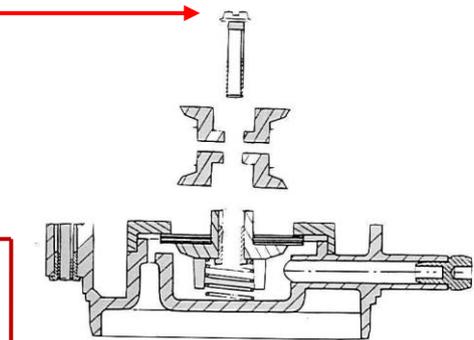
To Dismantle Servo Top

6. Remove Servo top (4 Screws)
7. Remove Large diaphragm (peel over top spool)
8. Unscrew middle brass screw and remove top spool.



9. Try firstly: screw brass screw back into the bottom spool and pull the rubber washer and bottom spool out with a sideways wriggle.

If this is too hard then remove screw and compress the spring by using a ram top tool and use screw driver to carefully remove seal without damaging the seat of the sealing areas.



To Reassemble:

10. Fit spring and bottom spool into housing.
11. Fit new Rubber Seal Washer over thread of ram top tool (or screw driver if tool not available) & compress.
12. Slide edges of seal under the top retainer.
13. Remove tool and reassemble (reverse of 8, 7 & 6).

