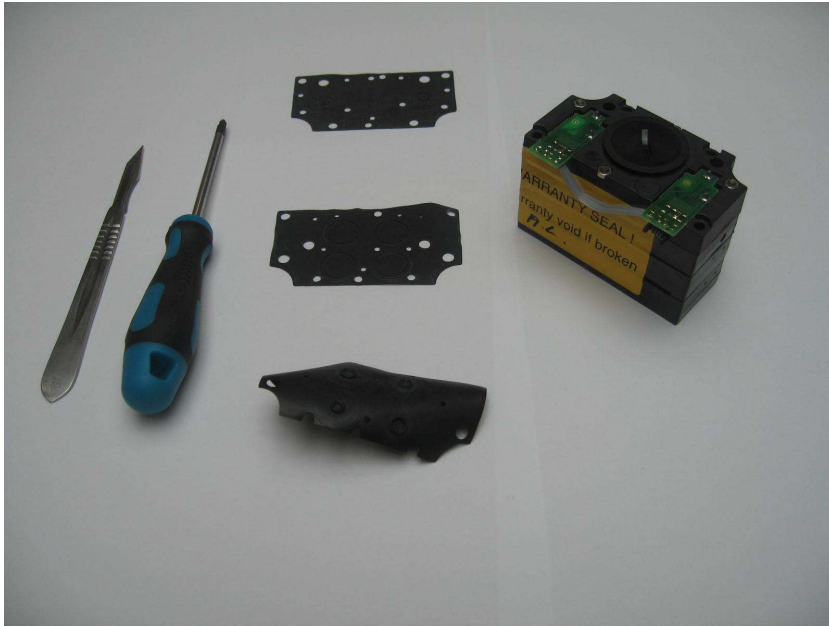


# IOM

## Pneumatic Block D3 Diaphragm replacement



## Diaphragm Replacement-Lower Only

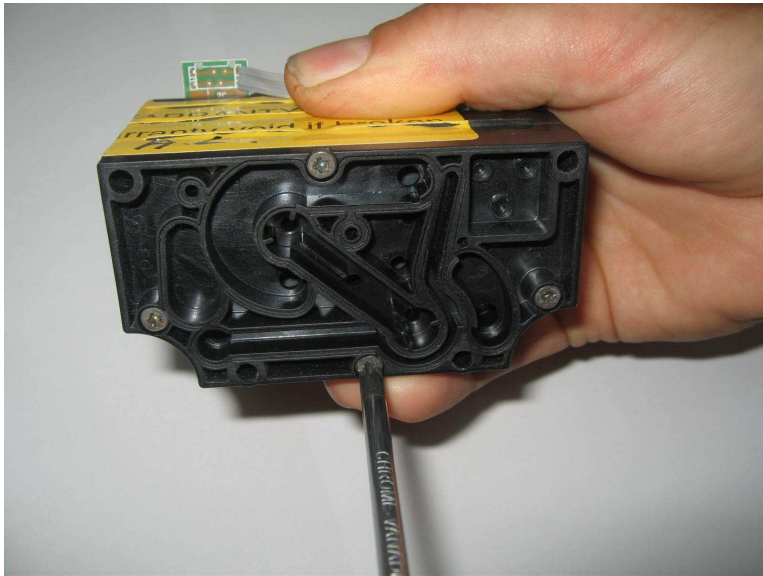


### Tools required

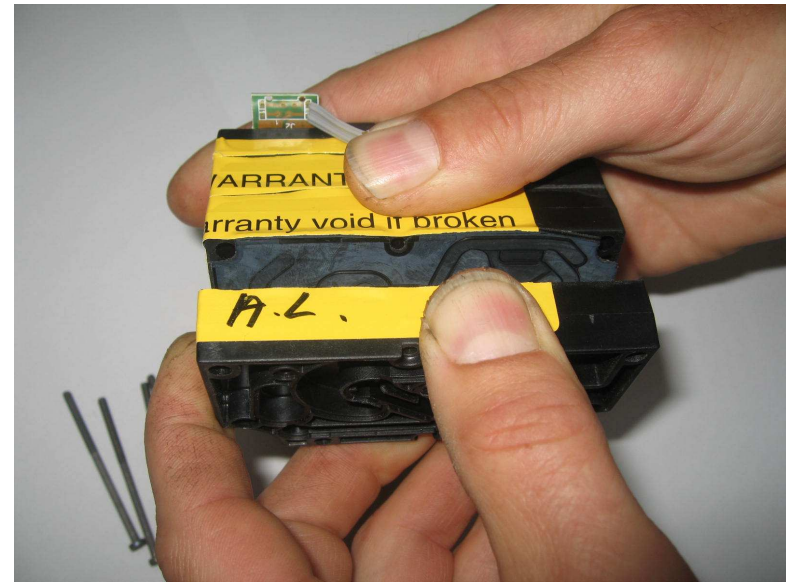
- Clean work area
- Sharp knife to cut seal
- Screw driver, Phillips Head Pozi/Supa drive style.
- Clamp or vise

- Cut warranty seal between all three block segments



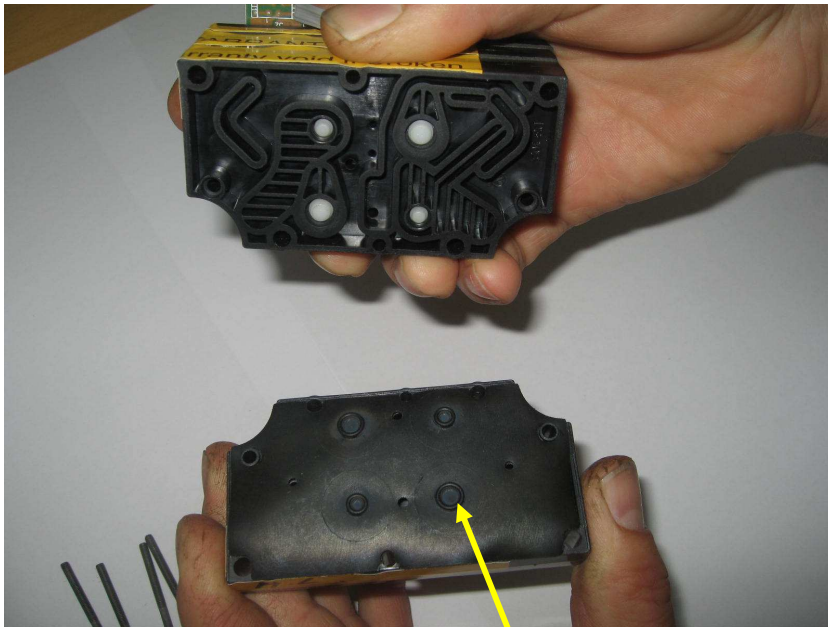


-Loosen and remove  
4 x screws. Make sure not  
to loose the 4 x nuts on top.

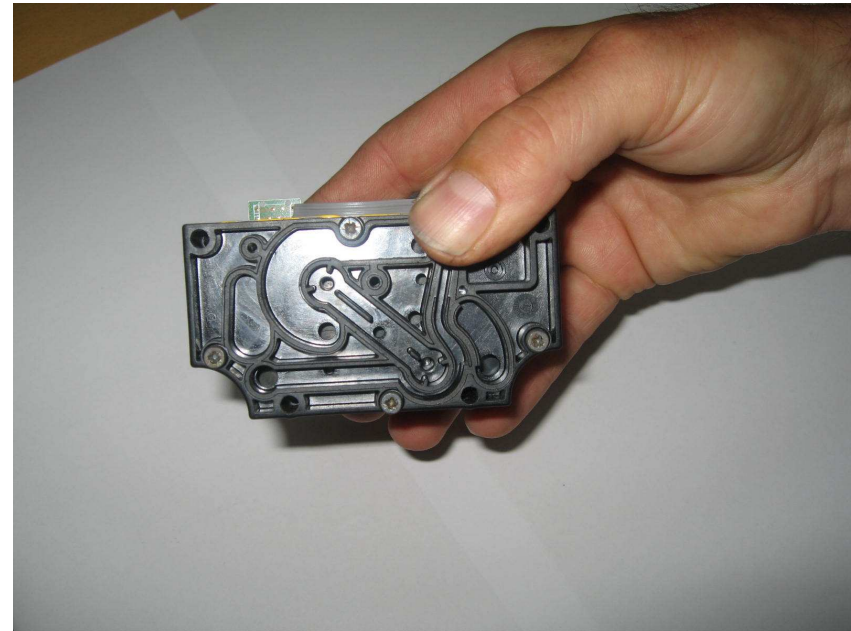


-Carefully loosen lowest  
section, hold top 3 together.





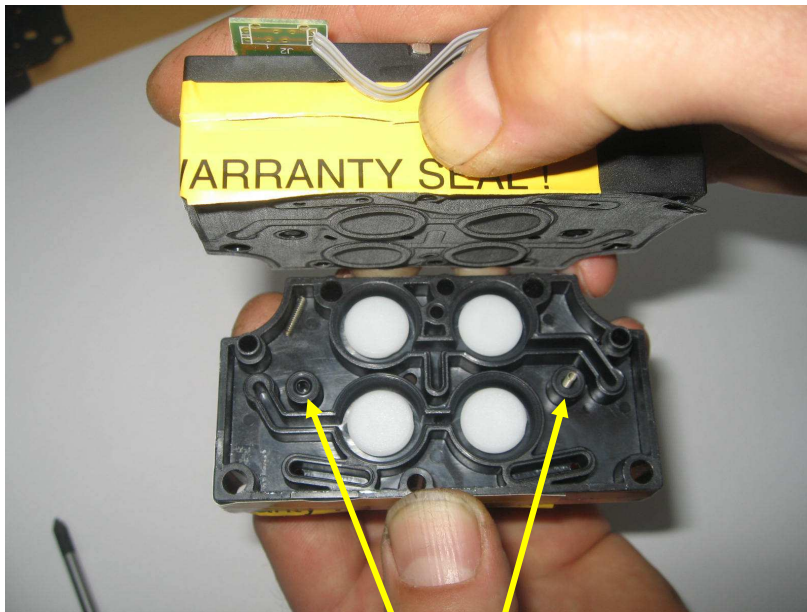
-Replace lower diaphragm so the recesses are facing toward the bottom of the block and the circular "tabs" are facing up just like the picture.



-Reinstall lower section making sure the diaphragm stays centered in the block assembly  
-Install 4 x screws and tighten

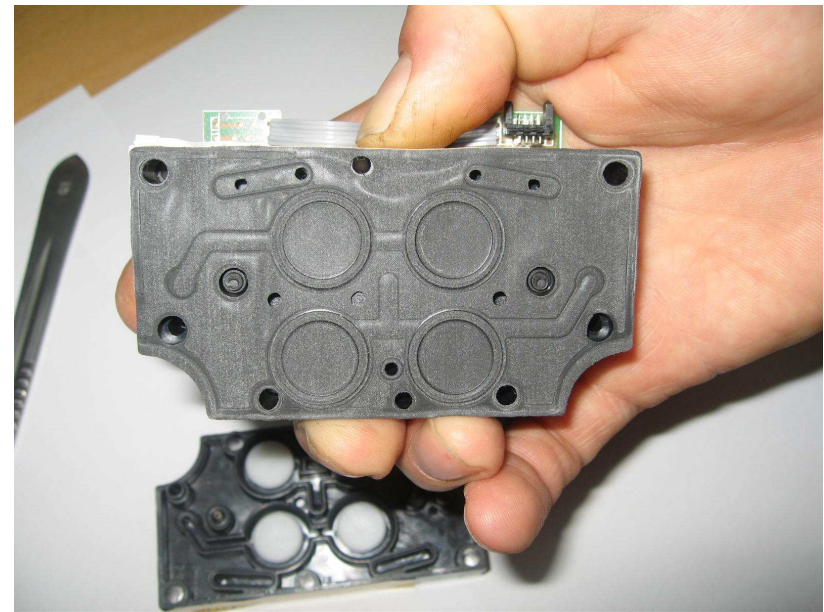


# Replacement of both upper diaphragms



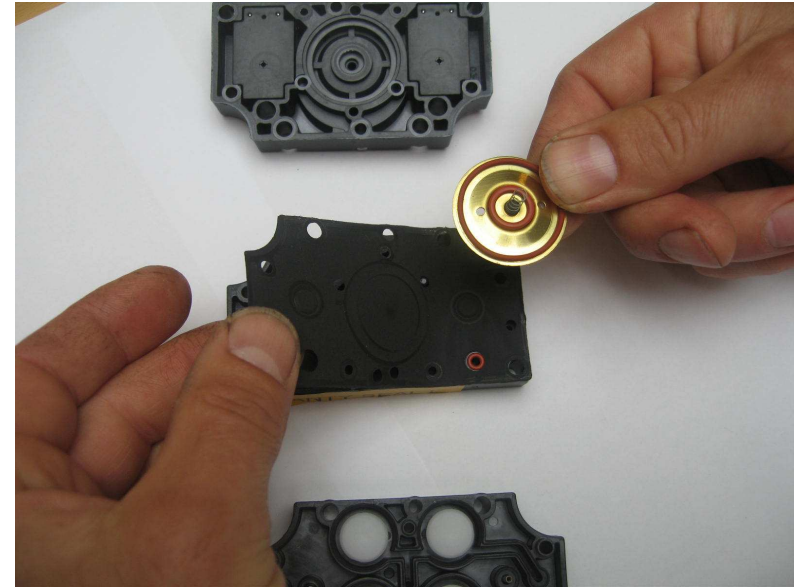
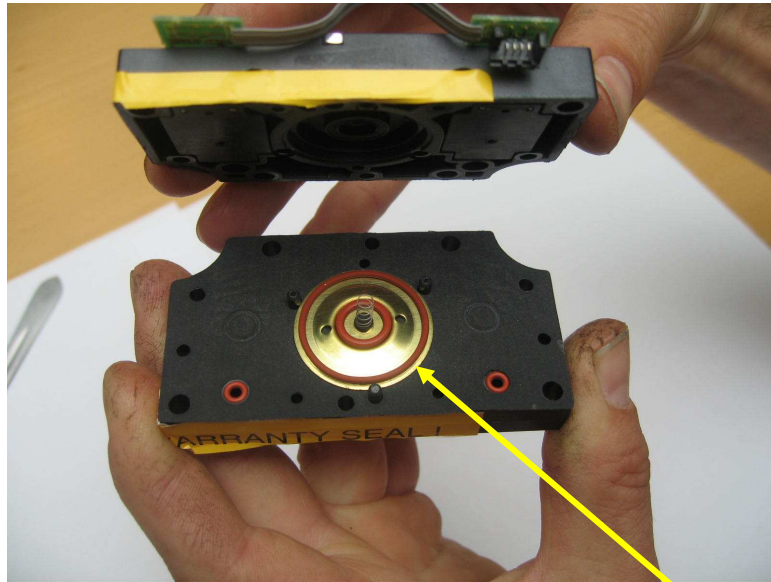
-Carefully split block between  
2 upper & 2 lower sections  
(Note! 2 x springs)

-Set the bottom portion of the  
block on the desk with the white  
poppet valves facing upward



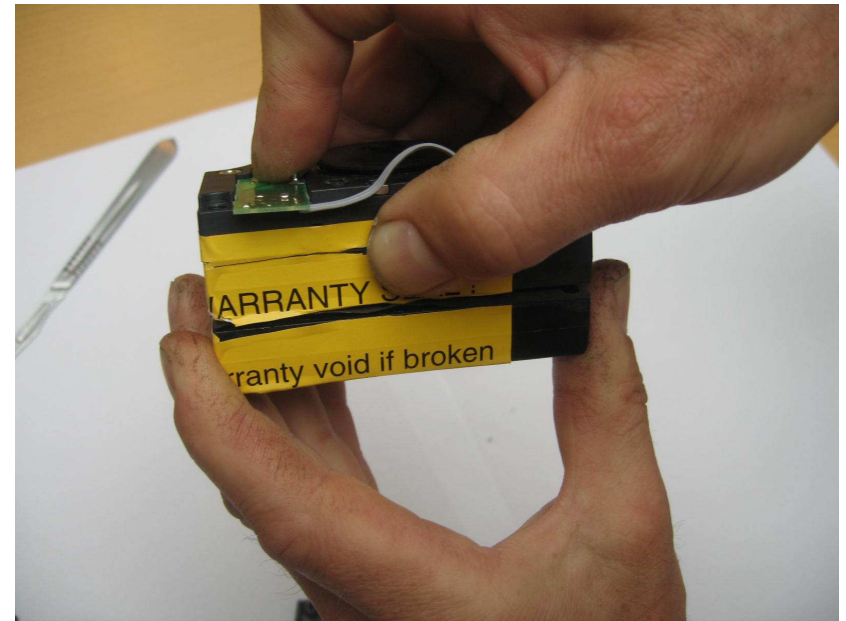
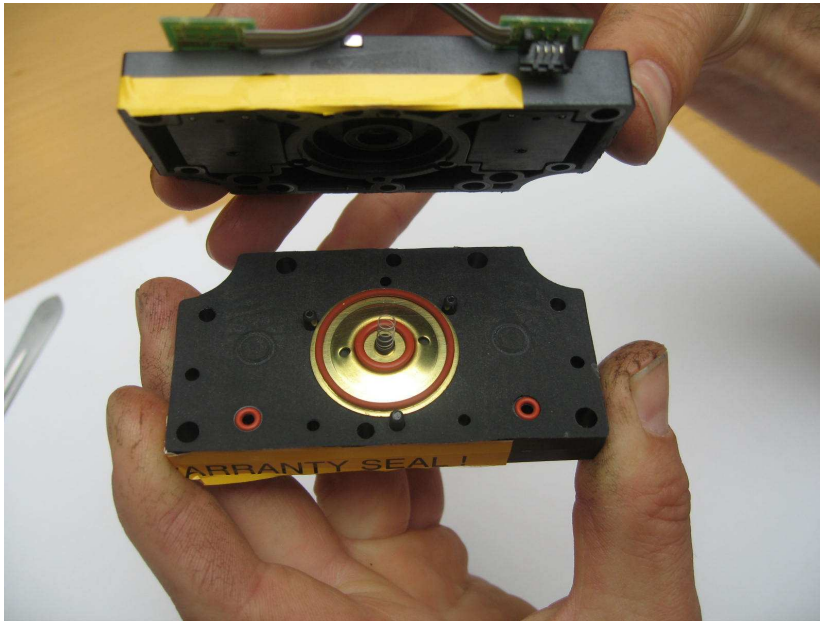
-Replace diaphragm  
-Clamp 2 lower sections  
back and place block on desk.





- Carefully lift top section
- Carefully remove pressure regulator (gold round piece) Note, small spring on top + 2 x O-rings.





- Replace diaphragm
- Reinstall Pressure regulator with spring
- Clamp block together ensuring all gaskets are lined up properly and the yellow sticker is not interfering -
- Secure with 4 x screws