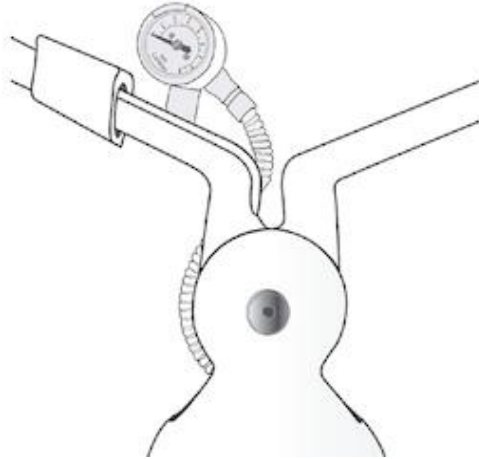# Cafelat Robot guide - replacing the tube

CORRECT

INCORRECT

The correct position of the pressure gauge tube. The pressure gauge system is very reliable as long as the tube does not move out of position. If it does move you can easily flick it back to the correct orientation.

Here is the guide 'how to change the tube:
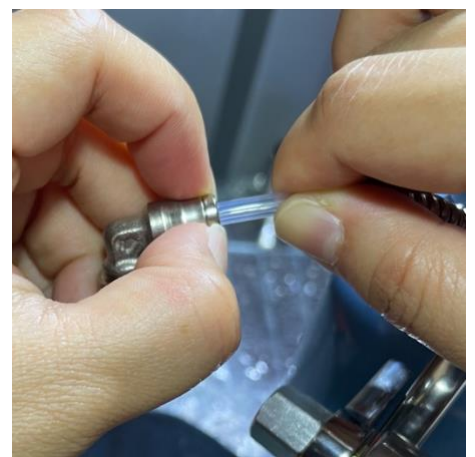
1. Use a 13mm spanner to remove the elbow fitting.

Be careful, the mesh filter may fall out after removing the elbow fitting.

Be careful, the pressure gauge may fall. Always hold the fitting and make sure not spanning the pressure gauge thread. Use a 2mm allen key to take the pressure gauge off if needs.
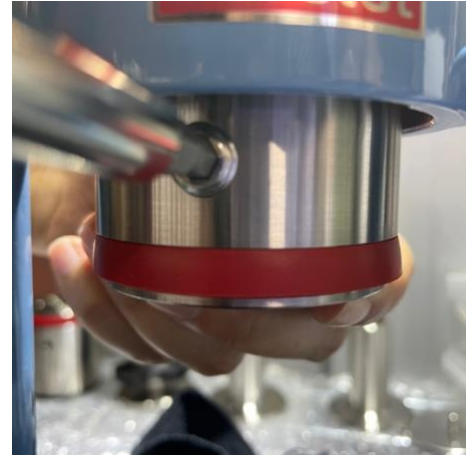

2. Push down the locking collar whilst at the same time pulling the pipe out of the elbow fitting.

It's hard so you need to use some force. Use microfiber cloths to help if needs.

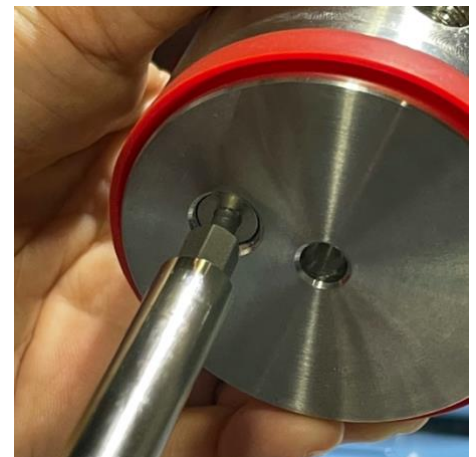3. Use a H5 allen key to remove the piston screw thread.

4. Remove the piston screw from the back of the Robot by pinning it out.

Be careful, Robot arms may hit the Robot body during the removal of the piston screw rob. Need do it slowly.

5. Use a H3 allen key to unscrew the straight fitting.

6. Push down the locking collar whilst at the same time pulling the pipe out of the straight fitting.

It's hard so you need to use some force.

7. Push the replacement tube into the straight fitting. Use microfibre cloths if needs.

8. Wrap a bit of the loctite 55 (pipe thread sealing) on the straight fitting thread.

9. Optional - Replace the self-adhesive hook.

- Use a H3 allen key to remove the Robot body top pin - shorter pin.

- Pull the Robot body top pin out slowly.

  CAUTION: Robot arms may drop after pulling the pin out. Lay down the Robot if require or hold the arms
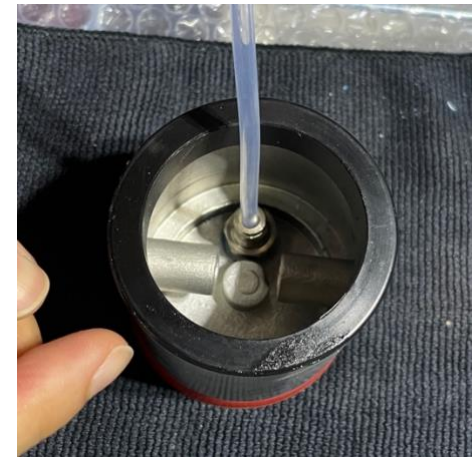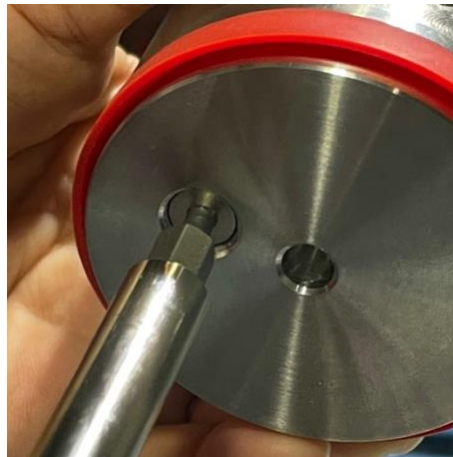

- Replace the self-adhesive hook and sharp it a 'O'.

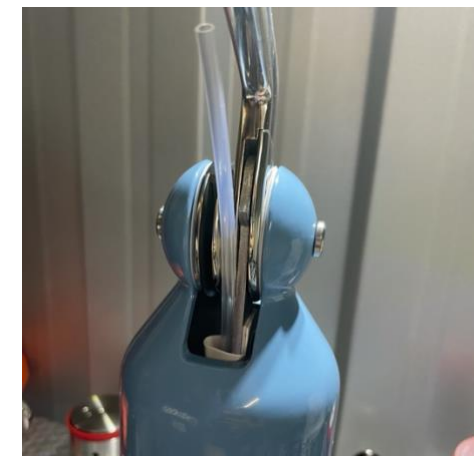- Put the arm and telfon rings back. Lay down the Robot if needs.

10. Use a H3 allen key to screw the straight fitting.

11. Put the piston back. Line up the arm lever and piston holes.

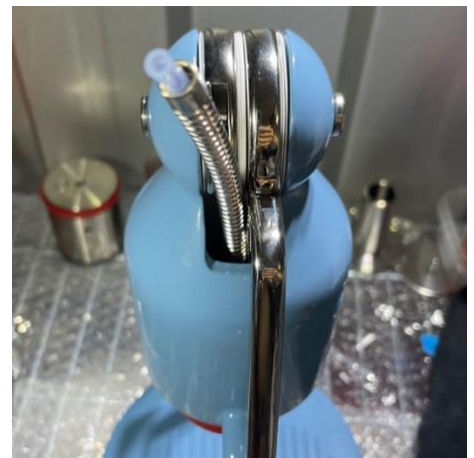Make sure the tube is going through the self-adhesive hook.

12. Install the piston screw then use a H5 allen key and tighten the piston screw thread.

13. Insert the metal sleeves.

Make sure the metal sleeve is going through the self-adhesive hook.

14. Use a 13mm spanner to install the straight fitting back on the gauge.

Do not forget to put the mesh filter back first.

Be careful, the pressure gauge may fall. Always hold the fitting and make sure not spanning the pressure gauge thread. Use a 2mm allen key to tighten the pressure gauge if needs.

15. Push the replacement tube into the elbow fitting. Use microfibre cloths if needs.

16. Done and testing time! Put clear water into the pressurised basket then push the lever arms down like making the espresso.

Troubleshooting:

Q: Water spray - step 16
A: Check where the water leaks – if it's between the fittings and the tube, make sure you insert the tube correctly. Use microfiber cloths if needs.

Q: Unable to install the straight fittings - step 13
A: Make sure you use the correct fitting provided by Cafelat UK Limited or Cafelat Limited.

Q: I do not have loctite 55 – step 8
A: It's optional but better with it to prevent water leaks from the straight fitting.

Q: Water spray between the gauge and the thread. What should I do?
A: Tighten the gauge by turning the head of the gauge.