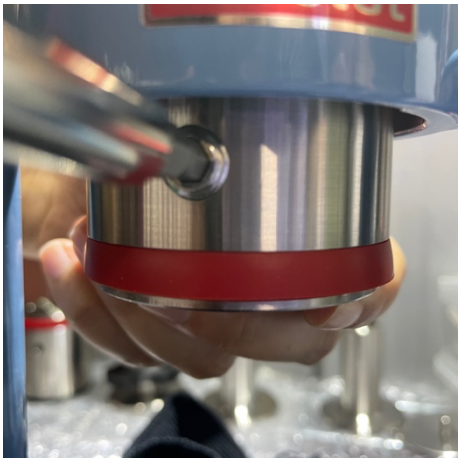
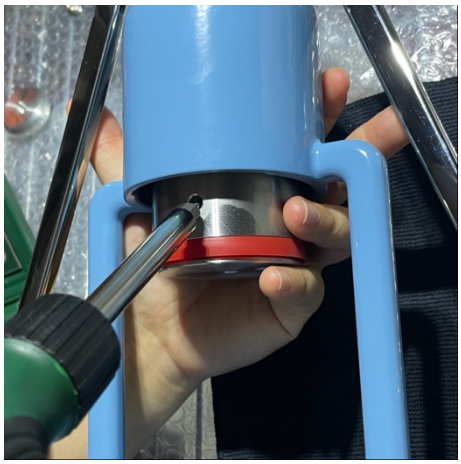
Cafelat Robot guide
installing the pressure gauge kit

1. Remove the piston screw thread using a H5 Allen key.



2. To remove the piston screw from the back of the robot by pinning it out carefully.

Note that the robot arms may hit the body during the removal process, so it's important to proceed slowly and with caution.

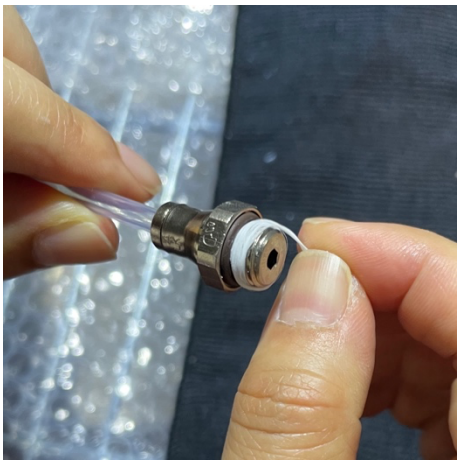


3. To connect the flexible tube to the straight fitting, follow these two stages carefully. In the first stage, the tube should slide in easily for about 5mm. In the second stage, you need to apply much more force to get it to seal, pushing it in another 3mm or so.

We recommend using microfiber cloths over the tube to provide extra grip, as it will require some strength to push it in during the second stage.

4. Before installing the straight fitting, wrap a small amount of food-safe pipe thread sealing tape around its thread.

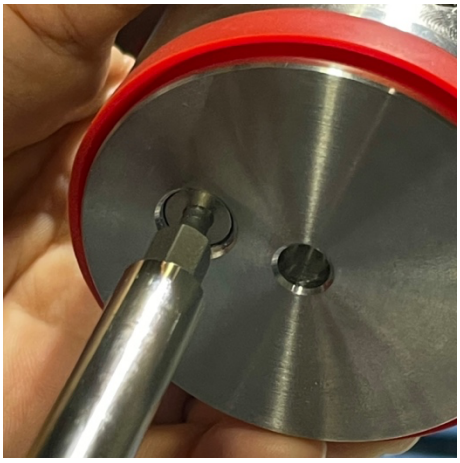
If you have ordered the pressure gauge kit from Cafelat UK, we will provide Loctite 55 pipe thread sealing.

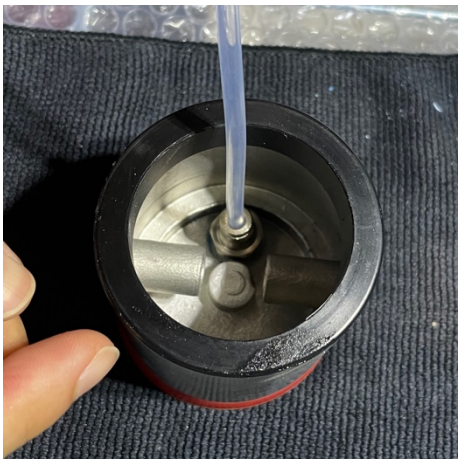


5. To remove the piston screw from the inside of the piston, use an H6 Allen key and unscrew it in a counterclockwise direction.

Next, use an H3 Allen key to install the straight fitting onto the piston.

Before installing the straight fitting, please make sure that the screw thread is clean and free of debris.



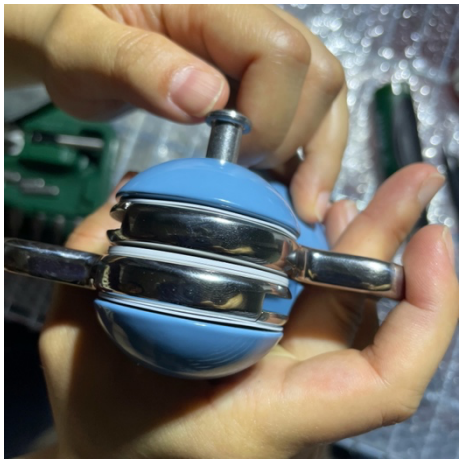


6. Install the self-adhesive hook:

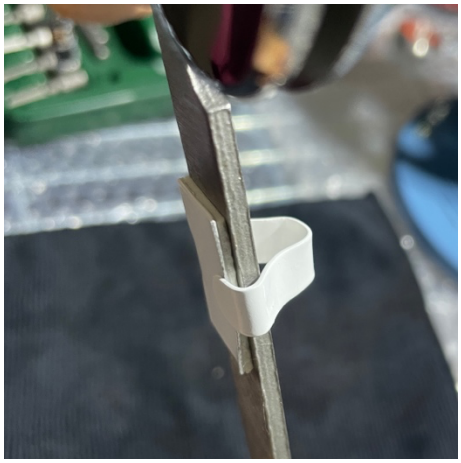
- Use an H3 or H2.5^ Allen key to remove the shorter pin from the top of the Robot body.

^ Depending on the model of your Robot, you may need to use a different Allen key to hold the long pin in place while removing the shorter pin.

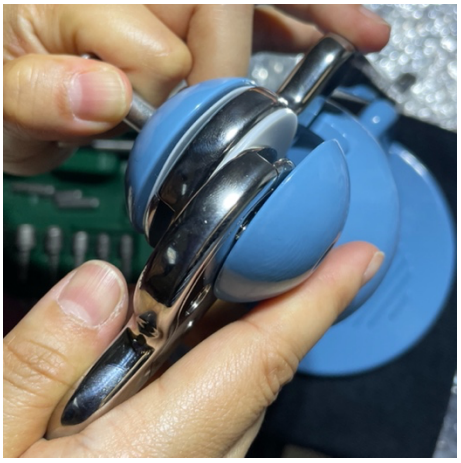
- Slowly pull out the top pin, taking care as the Robot arms may drop. You may need to lay down the Robot or hold onto the arms to prevent this from happening.



- Stick the hook directly beneath the lever arm where it moves to the top.
- Fold the hook over itself to create a loop large enough for the metal sleeve to fit through, then press down firmly to secure it in place."



- Put the arm and Teflon rings back in place. If necessary, lay down the Robot to make it easier to work with.

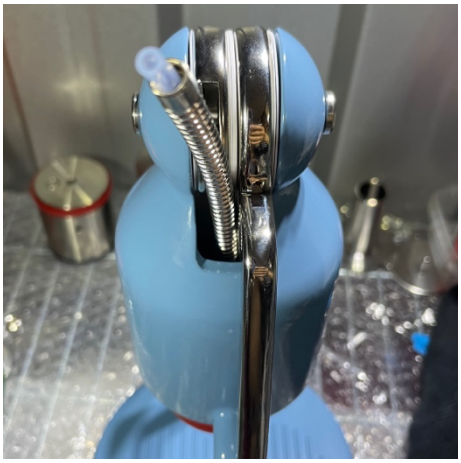


7. Line up the holes in the arm lever and piston. Make sure the tube is going through the self-adhesive hook and is properly secured. Carefully insert the piston back into place.

8. Insert the screw into the back of the Robot. Use a H5 Allen key to tighten the piston screw thread.

9. Insert the metal sleeve.

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

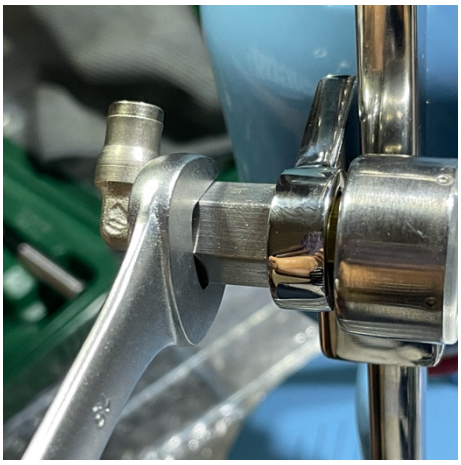


10. Use a H2 Allen key to attach the pressure gauge bracket to the left arm of the Robot.

11. Put the mesh filter back between the back of the pressure gauge bracket and the elbow fitting.

Use a 13mm spanner to install then tighten the elbow fitting back onto the gauge.

Be careful not to let the pressure gauge fall. Always hold the fitting securely and ensure that you do not damage the pressure gauge thread with the spanner. If necessary, use a 2mm Allen key to tighten the pressure gauge.



12. To connect the flexible tube to the elbow fitting, follow these two stages carefully. In the first stage, the tube should slide in easily for about 5mm. In the second stage, you need to apply much more force to get it to seal, pushing it in another 3mm or so.

We recommend using microfiber cloths over the tube to provide extra grip, as it will require some strength to push it in during the second stage.

13. Done and time to test! Fill the pressurised basket with clear water. Place the basket in the portafilter and lock it in place. Push the lever arms down as if you were making espresso. Observe the flow of water and ensure that there are no leaks or issues with the machine. If everything looks good, you are ready to make your first shot of espresso with your Barista Robot!

If you don't have a pressurised basket, simply make an espresso and test it out.

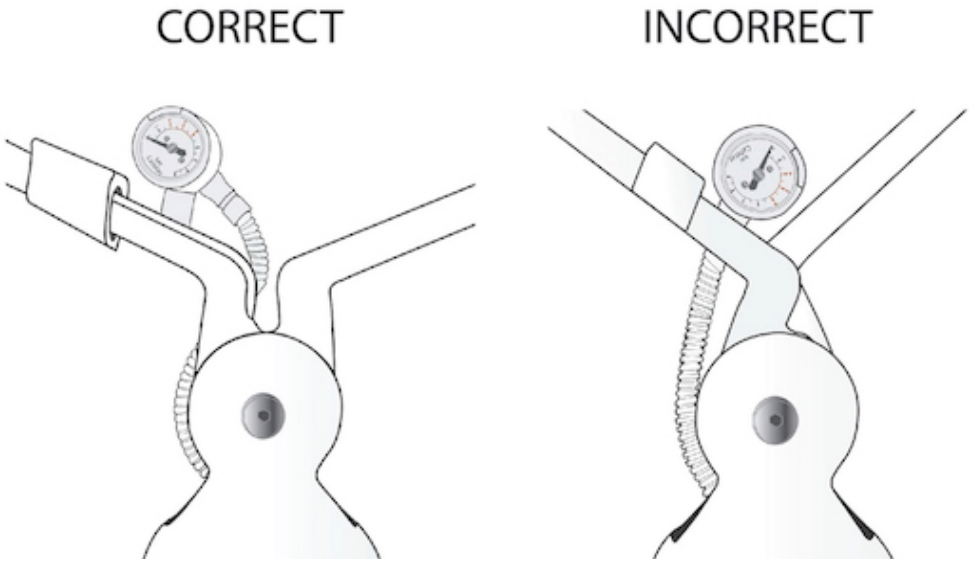
Troubleshooting:

Q: Water spray - step 13
A: Check where the water is leaking. If it's between the fittings and the tube, make sure to insert the tube correctly. Use microfiber cloths over the tube to provide extra grip, as it will require some strength to push it in during the second stage.

Q: Unable to install the straight fittings - step 5
A: Make sure to use the correct fitting provided by Cafelat UK Limited or Cafelat Limited.

Q: I do not have Loctite 55 pipe thread sealing– step 4
A: It's optional, but it's better to use it to prevent water leaks from the straight fitting. You can use any brands as well.

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



The correct position of the pressure gauge tube is essential for the proper functioning of the pressure gauge system. Ensure that the tube is correctly oriented and securely in place. If it does move, you can easily flick it back into the correct orientation.