



GS3 Steam Arm Upgrade Instructions



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Warning

Before starting it is very important to unplug the machine from the outlet, release the steam pressure by opening the steam valve, and allow the machine adequate time to cool off.

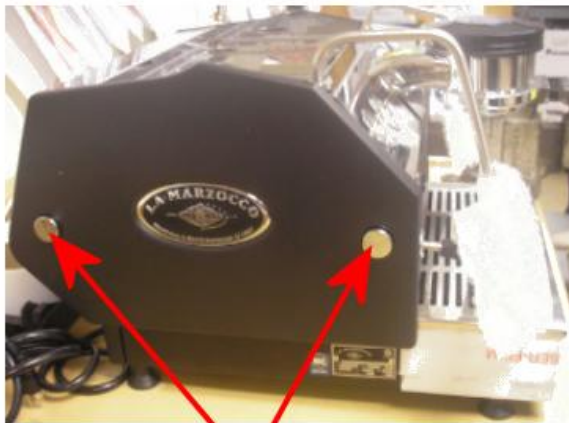
Chris' Coffee Service and La Marzocco assume no responsibility for injury or damage as a result of failing to follow instructions.

Tools Needed

Phillips Screwdriver
Flat Blade Screwdriver
Small Adjustable Wrench
Medium Adjustable Wrench
13mm Socket With Ratchet
Hand File *

* The hand file may be needed to file the valve down for a proper fit. Some valves may not require filing, but it is recommended to have one available before starting.

Step 1 Removing Left Side Panel



Unscrew chrome caps by hand.



Unscrew 13mm nuts, then
Pull panel off machine.

Step 2 Removing Top Panels



Slide flat blade screwdriver
Under cup tray grill and then
Gently pry it up to lift it off.



Remove 2 phillips screws
Then remove top panel.

Step 3 Removing Front Panels*



Remove 2 phillips screws.



Remove 2 hex bolts.

* Removing the front panels makes it much easier to replace the valve.
This step may be skipped if you have small open end wrenches,
If not it is much easier with the panels removed.

Step 3 Removing Front Panels....continued



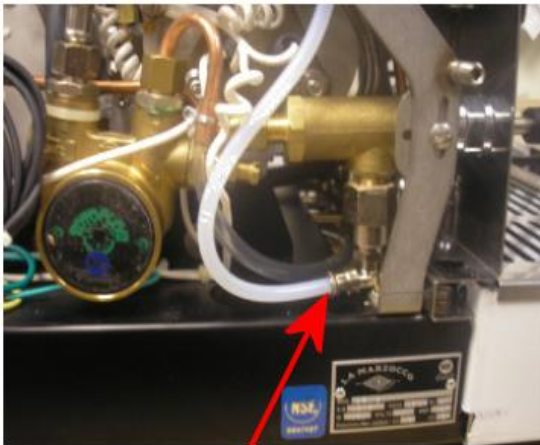
Carefully lift left side of front panel as shown. Be VERY careful NOT to disconnect cables behind the touchpad they are identical. Either set panel aside with cables attached or label them with a marker before disconnecting.



Pull left side of bottom panel forward. You may have to push discharge tube on bottom left of panel up to remove.



Step 4 Steam Wand Removal

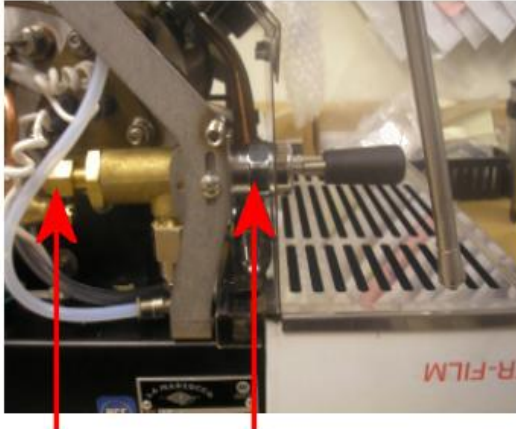


Push in collar of elbow fitting, while holding the collar in pull teflon line out of elbow fitting.

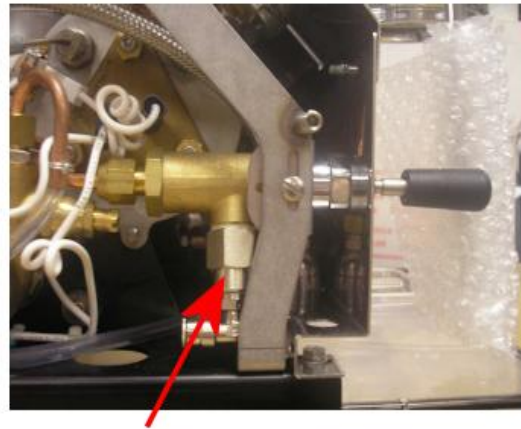


Unscrew 2 brass screws and then remove steam wand from top of machine.

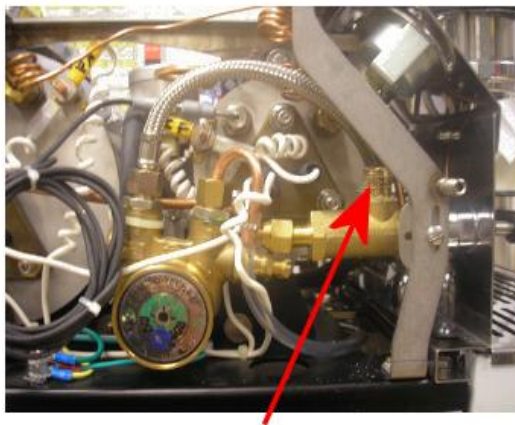
Step 5 Steam Valve Positioning



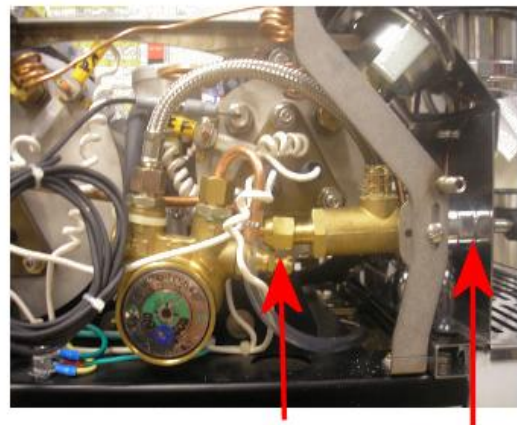
Loosen the 2 fittings shown.



Unscrew and remove the bottom fitting with elbow.



Rotate steam valve until threaded connection is facing straight up.



Tighten the 2 fittings shown, being very careful not to rotate the valve.

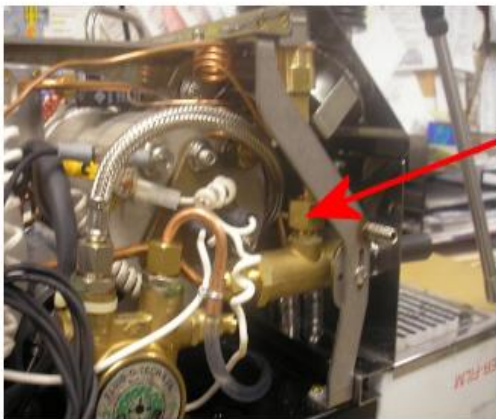
Step 6 Steam Wand Installation



Place steam arm in machine to check for proper fit *



* If it fits good then install 2 brass screws on top.



Screw copper line to the top of the steam valve. Check all of the fittings to make sure they are tight.

Reassemble all panels except the left side panel.

Turn the machine on and be VERY careful of live voltage and heat. Let the machine heat up and check for signs of a leak. If there is a leak then unplug the machine and tighten the leaky fitting. If there are not any leaks then install the left side panel and then enjoy a delicious cup of espresso for all of your hard work!

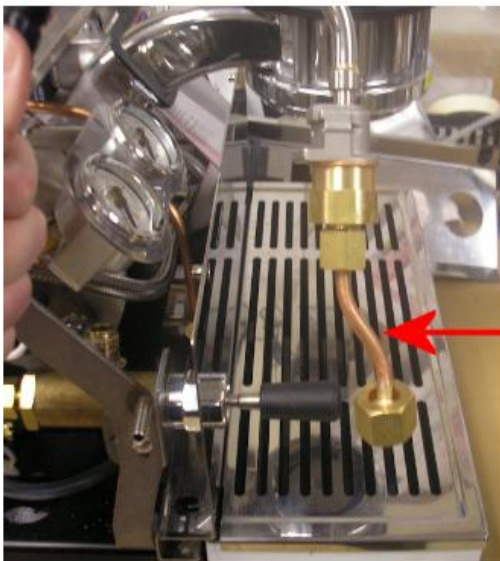
* If steam arm does not fit or line up properly then follow instructions on the next page on how to get it to fit properly.

Step 7 Modifying Steam Wand For Proper Fit

If the base of the steam wand does not fit properly into the top of the machine then you will need to use the hand file to file the base of the steam wand for a proper fit.

It is very important that the base fits properly into the machine. If you try to install the brass screws without having a proper fit then the brass screws may break off inside the base and then you will not be able to install the new steam wand.

To make the steam wand fit properly carefully file the under side edge of the over hang on the base of the steam wand where shown.



If the copper pipe does not line up to the top of the steam valve then you must carefully bend the copper pipe until it lines up properly.

Once the steam wand is modified for a proper fit then return to step 6 for steam wand installation.