

Gaggia Classic pump Replacement

Refer to the parts diagram for part numbers.

Tools required:

Philips head screw driver

Small adjustable wrench

Procedure:

- 1) Make sure that your machine is cold and unplugged before beginning
- 2) Remove the small rectangular black lid (# 2) that covers the water funnel on the top of the machine.
- 3) On the back rim of the funnel there are 2 holes. Each hole has a Phillips screw (#1). Remove both screws.
- 4) The top of the machine is now free (parts # 3 & 4). Pull it straight up and out of the machine. You should now be able to see the internal parts of the Gaggia Classic.
- 5) The pump (#43) is located in the back/left of the machine. It may be black or orange.
- 6) Begin by removing the tube that comes from the top of the pump. Use a wrench to loosen the small brass nut (#32). The nut and the tube will come loose from the top of the pump.
- 7) Next remove the silver elbow (#42) from the top of the pump. Hold the body of the pump steady and use a wrench to loosen the elbow. There is a small o ring (#41) in this area. Make sure that you remove it from the old pump. You will need it in the new pump.
- 8) **Before removing the pump, mark the wires or take a photo so you will reconnect the new pump correctly.**
- 9) Now pull the wires off of the pump. There will be white plastic end covers. Pull on there and not on the wires directly.
- 10) There is a small wire (#47) securing the pump mount (#44) to the base piece (# 46). Remove the wire by pulling the ends straight up and out of the base piece.
- 11) The pump mount is not free. Pull the pump out of the open side of the base piece.
- 12) Remove the hose (#48) from the bottom of the pump by pulling it straight off.
- 13) Remove the rubber mount (#44) by pulling it straight off of the bottom of the pump as well.
- 14) Now attach all of the pieces to the new pump.
 - a. At the top of the new pump place the o ring and elbow.
 - b. Replace the pump mount. Press it firmly on to the small lip of the pump
 - c. On the bottom of the pump replace the hose by pressing it firmly into place.
- 15) Press the new pump back into the base piece through the open side. Make sure that it is pressed all the way in.
- 16) Replace the wire that secures the pump mount in place.
- 17) Reconnect the tube and nut to the top elbow of the new pump.
- 18) Make sure that the soft hose (#48) is pulled down into the area of the water tank. Installing the new pump can shorten the length of the hose in the water tank.
- 19) Reinstall the top cover of the machine and tighten down the Philips screws.