

ATTENTION!

This instruction is for LELIT
authorised technicians only



INSTRUCTIONS

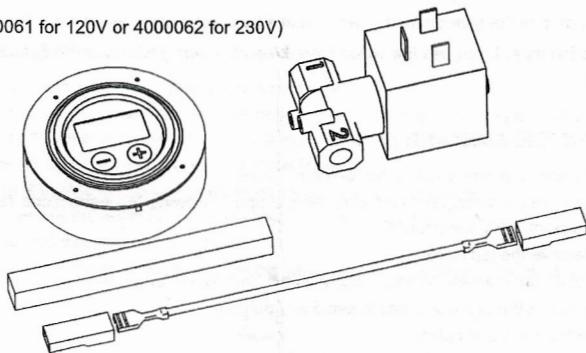
INSTRUCTION TO UPDATE LELIT Bianca PL162T from V1/V2 to V3

Take care of the machine, protect the body from scratches and bruises / remove anything than can ruin the machine, gloves are recommended.

BEFORE STARTING THE PROCEDURE make sure that the machine is turned off and that it is not at high temperature to avoid risk of burns.

WHAT YOU NEED:

1. Upgrade kit (4000061 for 120V or 4000062 for 230V)



2. Tools

- Clamp
- Flat screwdriver
- Cross PH2 screwdriver
- Wrench key CH10
- Wrench key CH13
- Wrench key CH14 (A torque wrench is better)
- Wrench key CH17
- Clipper

3. Glue or Teflon tape

BEFORE proceeding with the following operations we suggest to see our video on our YouTube channel:
<https://www.youtube.com/watch?v=fAEDHOUJCEo&feature=youtu.be>



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SUGGESTIONS

A. You can use LOXEAL® glue (If you do not have LOXEAL® glue, you can use LOCTITE®)

LELIT technical department suggests to use the Medium strength glue (9500050) that has a suitable strength and is easier to remove in case of future maintenance.

LEL Code	LOXEAL®	LOCTITE®	Useful information
9500051	55-03	243	High strength – more difficult to remove
9500050	85-86	638	Medium strength – easier to remove in case of maintenance

When you apply a drop of the glue on the threads, please be careful not to insert it into the water passage.

B. You can use Teflon tape. If you use the Teflon tape, be sure to apply following the direction of the thread (rotate clockwise)

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OPEN THE MACHINE

1. Remove the wire grate on top of the machine
2. Remove the water tank and water tank support following the instructions 7900126 from the point "A" to the point "C"
3. Remove the top cover
4. Rotate the machine to have access to the bottom part and unscrew the back plate
5. Unscrew the two wood feet to avoid any damage
6. Remove the back plate
7. Screw the two wood feet back on the bottom plate and rotate the machine back

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CHANGE THE INTERNAL PARTS

1. Remove the metal plate that protects the electronic card
2. Remove the faston from the coffee solenoid valve
3. Unscrew the nut (CH14) on top of the solenoid valve to remove the coil of the solenoid valve
***Attention:** Keep the two solenoid valves separated because the old valve is identical to the new one
4. Place a cloth under the solenoid valve to avoid any leaking from the hydraulic circuit
5. Unscrew the pressure gauge capillary and the tube from the "T" fitting
Note. Remember to use two keys/wrenches every time you screw/unscrew any components to avoid damaging the copper tubes.
6. Move the copper tube and the wirings to make some space
7. Unscrew the solenoid valve from the hydraulic circuit and keep it separated from the LLF (LELIT Low Flow) solenoid valve
8. Secure the solenoid valve in a clamp to remove the "T" fitting
9. Clean the thread from any glue residues and then apply a drop of glue 9500051 or a piece of Teflon tape*. Screw the "T" fitting in the new solenoid valve
***Check the table to find more details about glues and Teflon tape**



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1. Before installing the new solenoid valve, you need to make a modification on the wiring of the old solenoid valve. The black wire is no longer needed*
*We suggest you fix it to the other wirings with a cable tie
2. In the kit, you can find a new wire, that connects the electronic card to the LLF solenoid valve*. Connect one end to the electronic card (you can find a free faston on right)
*We suggest you use a cable tie to make the connection and the wiring modification tidier

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1. Apply the sponge also on the new solenoid valve
2. Remove any glue residues from the cross fitting thread that connects the OPV, steam solenoid valve and coffee solenoid valve. Then apply a drop of glue 9500051 or a piece of Teflon tape*. Screw the LLF solenoid valve to the cross fitting.
*Check the table to find more details about glues and Teflon tape
3. Re assemble the solenoid valve and use CH14 to screw the nut back
(max torque wrench setting: 1 Nm)
4. Connect the wirings to the new solenoid valve (attention to phase – neutron position)

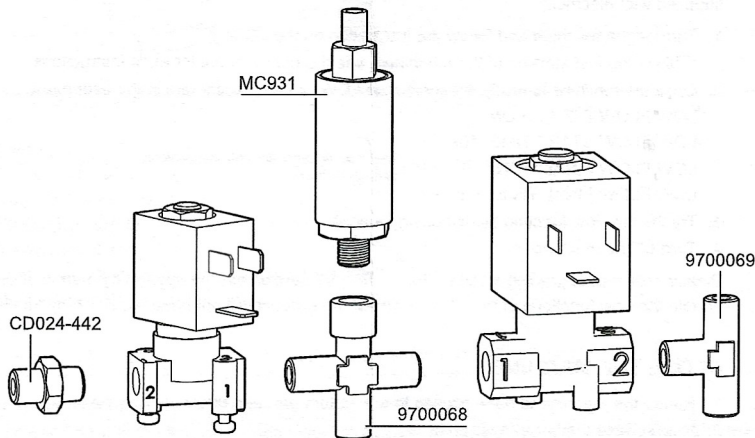


Figure 1 Solenoid valve assembly order

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INSTALL THE TUBE BACK INTO THE HYDRAULIC CIRCUIT

1. Apply a drop of suitable grease on the lower tube to screw it onto the "T" fitting (torque wrench setting: 9 Nm), be careful not to insert it into the water passage. Screw also the capillary tube onto the "T" fitting.

Note. Remember to use two keys/wrenches every time you screw/unscrew any components to avoid damaging the copper tubes.

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CHANGE THE LCC

1. Remove the screws that keep the LCC fixed and disconnect all the wirings
2. Change the LCC, by screwing the metal plates onto the new one
3. Reconnect the flat wire and screw back the LCC onto the chassis*

*Note. Keep LCC straight in position, with your hand.

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TESTING THE LCC AND THE LOW FLOW FUNCTION

Before closing the machine, turn it on to check that the upgrade was successful, you must connect the machine to a water reserve.

ATTENTION! Be careful when operating around the machine with no cover, as the machine is supplied with electricity

1. Turn on the machine and follow the instruction on the LCC*

*This is the first start-up of the machine – see the user manual for extra instructions

2. Once the machine is ready, try setting the LOW FLOW parameters in the user menu:

LOW FLOW START > ON

LOW FLOW START TIME: 10s

LOW FLOW FINAL > ON

LOW FLOW FINAL TIME: 30s

These parameters are only suggestions,
settings for test.

3. Try the low flow function by dispensing a shot
4. Turn off the machine

Please note that upgrading a LELIT Bianca V1 / V2 version to a V3 version by means of this kit will enable the new functions of the V3 version but the product will not have the stand-by function.

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CLOSE THE MACHINE

1. Rotate the machine to have access to the bottom part and unscrew the wood feet
2. Reassemble the back cover plate
3. Insert the wood feet and rotate the machine back to its original position
4. Complete assembling of the back plate and of the top cover
5. Reassemble the water tank kit

