

Technical information on PrintGuardPlus (SM102L-L transfer sheet)

Brief summary

I. Removing the old transfer plate

For this, please use the Heidelberg user manual and obey all safety instructions. After removal, please clean the surface of the transfer cylinder.

II. Installing PrintGuardPlus

Insert the new PrintGuardPlus sheet with the glass bead structure. PrintGuardPlus can be installed without underlays.

Lay PrintGuardPlus with the glass bead side upward onto a clean surface. Carefully insert the two old steel bars through the hangers on each side. The sheet is inserted in the opposite sequence to removal of the old plate. When inserting the sheet, make sure it does not crease or kink.

First insert the punched, non-flexible orange side of the PrintGuardPlus sheet (this side of the sheet is marked with a black arrow and the words, "Insert this side first"). Jog the cylinder back to a position where you can reach the needle-like bolt heads on the gripper stop bar with your hand.

Lay the flexible black end of the PrintGuardPlus sheet with the orange side up, so that it hangs down from the cover for open access (that you open to uncover the transfer cylinder). Let the steel bar behind each needle-like bolt head snap in, while making sure that the steel bar is secure under the fastening spring. You can usually hear a click. Centre the sheet on the cylinder and make sure that the needle-like bolt heads are in the middle of the punched areas. **Make sure that the steel bar does not stick out to the left or right.**

Now hold the sheet taut on the rear edge (flexible black side) and jog it slowly and constantly into the machine until you can reach the needle holes on the transfer cylinder plate.

Use the tools that resemble ballpoint pens to push the cylinder back to its running position (about 1 inch back, so that the cylinder lip covers the hangers that you have just installed. You should hear a solid “clunk”, which tells you that they have snapped completely in). Now use the 17 mm spanner to tighten the locking bolt on each end of the cylinder. Tighten these bolts securely. Make sure that the sheet remains centred on the cylinder and adjust it, if necessary.

Carefully push the cylinder forward until the part of the sheet with the flexible hangers lies on the edge of the cylinder. Note: It is crucial to stop the cylinder in exactly the right place to ensure that you have the correct angle to use the J tool without any restrictions to allow the steel bar to snap in behind the needle-like bolt heads again. If you turn the transfer cylinder even $\frac{1}{4}$ inch too far, installation is much more difficult due to the imprecise angle of the J tool and the bolt heads over which you are snapping the steel bar.

Turn the machine off. **Make sure that the steel bar is centred on the machine.** Use the J tool from Heidelberg to allow the sheet to snap in — start with one side and continue to the other side.

Place the tip of the J tool onto the steel bar such that the long part is on the upper area of the bar. Carefully press the J tool downward onto the steel bar and stretch the flexible hanger until the steel bar snaps over the needle-shaped bolt head. Repeat until it is all finished. Make sure that the steel bar is seated completely behind each needle-like bolt head and is secured through the steel spring.

Please jog the cylinder through again to check that PrintGuardPlus is seated flat on the transfer cylinder without bubbles or kinks. This is the only way to ensure that the machine runs trouble-free.

III. Care and maintenance

PrintGuardPlus is a durable anti-marking sheet with a permanent cross-linked silicone coating. It usually lasts 6 to 12 months, depending on use and care. To lengthen its life, we recommend removing any ink build-up immediately. Do not allow the ink to dry, because dry ink is hard to remove, and scrubbing can damage the surface of PrintGuardPlus.

Use a mild detergent (such as Allil) and thin it 50% with water. Use a lint-free polishing cloth or preferably a sponge. Then clean the surface with the moist cloth or sponge, applying light, uniform pressure.

Never use a screwdriver, knife or any sharp or abrasive tool on the PrintGuardPlus surface. Avoid continuous excessive scrubbing on one spot, because this will destroy the PrintGuardPlus glass bead structure. Gentle, consistent pressure does not distort the sheet.

Another special note on cleaning your PrintGuardPlus:

Due to the sheet's special coating, ink can remain in the gaps of the glass bead structure. This causes the orange surface of PrintGuardPlus to darken with time. This darkening in no way impairs your sheet's anti-marking properties!

That is how to clean your PrintGuardPlus very quickly and easily. It is also the way to maintain the sheets' ink-repellent silicone layer.

Safety precautions:

When installing the sheet manually or with tools, please make sure that the machine is in the "Off/Stop" position before approaching its rotating parts.

If you have technical questions, please contact:

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