

# PrintGuard® Technical Bulletin

## PrintGuardPlus® SM102LL Jacket

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I. Remove old Heidelberg® Chrome foil or Superblue® vinyl jacket (follow instructions per Heidelberg manual). This is an abridged summary.



Rotate the transfer cylinder until fully exposing the pin-like bolt heads which secure the steel rod through the die cut portion of the jacket. Turn off the press.



Use the Heidelberg "J" tool or duckbill tool to apply downward force on the steel rod and un-snap the steel rod from behind the pin-like bolt head. Start at one end and continue un-snapping the steel rod along each die cut portion until finished.



While holding onto the old jacket/steel rod, rotate the cylinder until the lock bolts at both edges of cylinder are accessible with a 17mm wrench to fully loosen.

Insert the Heidelberg pen-like tool into cylinder plate hole (located at each edge of the cylinder) and rotate cylinder by applying downward force on the tool until the cylinder rotates around 1 inch forward exposing the pins securing the jacket on the gripper end. You may need to use two tools (an Allen wrench is a good alternative), one in each side of the cylinder with two operators pulling towards the middle if the cylinder is stuck.

While holding onto the old jacket/steel rod, slowly rotate the cylinder until the gripper end is exposed and the other end of the jacket is exposed. Turn off the press.

Reach down with your hand and un-snap the steel rod from behind each pin-like bolt head. Remove the old jacket.

**(Note: Save the stainless steel rod )**

Clean the transfer cylinder if necessary.

II. Install new PrintGuard-Plus® Orange glass beaded jacket No additional under packing is typically required.



Lay the PrintGuardPlus jacket Orange (glass bead) side up on a clean surface with the Black elastic to your right. Carefully thread both old steel rods through the loops on each side. Pick up the Jacket as shown. (Hold the middle of the black elastic loop/steel rod in your right hand, and the Orange loop/Steel rod in your left hand and pick up with drooping loop as depicted.

Be careful not to kink or wrinkle the jacket). You will be installing this jacket in reverse order from removing the old jacket.



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install the **Non-elastic Orange diecut side of the Orange**

**Jacket first** (note: the under side is marked with a black arrow and the words "Install this side first"; the picture show the underside, install Orange side up).

Rotate the cylinder back to a position where you have hand accessibility to the pin-like bolt heads on the gripper end. Turn off the press

Carefully lay the Black elastic side of the Orange Jacket Or-



ange side up so it droops over the open access cover (that you open to expose the transfer cylinder).

2 Snap the steel rod behind each

pin-like bolt heads, further ensuring that the steel rod is secured under the locking spring. You can usually hear an audible click. Center the jacket on the cylinder also ensuring the pin-like bolt heads are in the center of the die cut areas. *Make sure steel rod is also centered on press.*



Pick up the jacket by the black elastic loops/steel rod, and slowly rotate the cylinder (continually feeding the jacket so that it wraps the cylinder in a tight and square/true manner) until you have access the pin holes on the transfer cylinder plate. Turn off the press.



Use the pen like tools to push

the cylinder back into its running place (around 1" back, so cylinder lip covers the loops you just installed. You should hear a solid clunk sound letting you know you are fully seated). Now, using the 17mm wrench, tighten down to the lock down bolts on either end of the cylinder. Tighten these bolts securely. Ensure jacket remains centered on cylinder, adjust if necessary.

Carefully, inch the cylinder until the jacket's elastic loop portion rests onto the edge of the cylinder. Note: It is critical to stop the cylinder in just the right position to ensure you have the right angle with no obstructions to use the "J" tool to re-snap the steel rod behind the pin-like bolt heads. If you are off rotating the transfer cylinder even a 1/4 inch, installation is much more difficult due to the improper angle of the "J" tool and the head bolts you are snapping steel rod over. Turn off the press. *Make sure the steel rod is also centered on press.*





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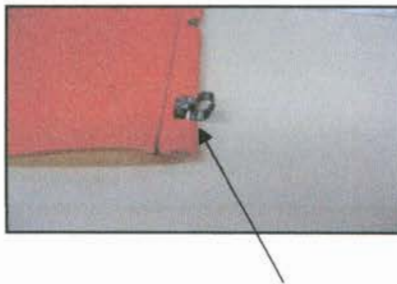
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**Caution !! Failure to follow these instructions may cause the jacket's outer loop to tear**

Use the Heidelberg "J" tool to snap on the jacket. Place the tip of the "J" tool on the steel rod such that the long part is on the top part of the rod. Carefully apply downward pressure on the "J" tool pushing down on the steel rod and elongating the elastic loop starting with the loops left of center then right of center, continuing alternately then finally install the outer two loops, until the steel rod snaps



over the pin-like bolt head. Ensure the steel rod is fully seated behind each pin-like bolt head and secured by the steel spring



Pictures of pin-like bolt head with spring below. NOTE: This pin-like bolt head was removed from cylinder for picture.

Final inspection: Rotate transfer cylinder and inspect for a good tight fit. Verify the jacket is properly installed and all parts are firmly secured before running the press.

### III PrintGuard® Product Care & Maintenance

PrintGuardPlus glass beaded jackets are durable antimarking jackets and contain a permanently cross linked **Orange-Hide®** ink repellent coating. They typically last between 8-18 months depending on care and use.

For longest product life, inspect daily— If clean then leave alone: Else:

1. Use an Absorbent, lint free cleaning cloth:

a. Best: Non woven Lint Free Cloth (Everclean™, Nubtex®, Sontara® )

b. Good: Cotton shop cloth

2. Use a mild water based/miscible press wash diluted 50% with water.

3. Use above Cleaning Cloth with above diluted mild press-wash, and **use uniform light pressure** to remove wet ink.

Never use a screwdriver, knife, or sharp/abrasive tool on the surface of this jacket. Do not use harsh solvents or scrub excessively in one area, as you may prematurely wear off the ink repellent coating. Gentle uniform pressure will not damage the jacket.

### SAFETY PRECAUTIONS:

Please remember to always ensure the press is in the shut-off/stop mode before placing your hands or tools near rotating parts of the press during installation of the jacket.

If you have any questions please call (508 890-8822 or email us at [Techspt@Printguard.com](mailto:Techspt@Printguard.com).

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