

PrintGuard^{plus}™

Glass Bead
AntiMarking Products

SM72 Technical Sheets

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 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. Keep the steel rods for installation. Clean the transfer cylinder if necessary.

II. Install new PrintGuardPlus® Orange-glass beaded jacket.

Lay the PrintGuardPlus® jacket glass bead side down on a clean surface with the elastic loop towards you. Carefully thread the old steel rods through the loops on each side. Roll the jacket into a cylinder so the non-elastic die cut edge in on the last wrap. Hold the center of the coiled up jacket in one hand (glass bead side up). You will be installing this jacket in reverse order from removing the old jacket.

Install the Non-elastic side of the PrintGuardPlus® Jacket first. 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. With the rolled up jacket bead side down in one hand, reach down with your other hand and snap the steel rod behind each pin-like bolt head, 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.

While still holding onto the rolled up jacket, 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. Inch the cylinder until the jacket’s elastic loop portion rests onto the edge of the cylinder. It is recommended that you use an 18 inch wire with a hook at one end to loop onto the steel rod in the center of the jacket while rotating/inching the cylinder to the correct position for final steel rod re-snapping. (You can use a piece of coat hanger and bend a tight U at one end as you should not put your hand down that close while inching 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 ½ inch, installation is much more difficult and may be impossible. Turn off the press.



Use the Heidelberg “J” tool to snap on the jacket starting with one side and continuing to the other. 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 until the steel rod snaps over the pin-like bolt head. Repeat until finished.



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. Care and maintenance:

These glass beaded jackets are durable antimaking jackets and contain a permanently crosslinked silicone top coat. They typically last between 6-12 months depending on care and use. To maximize the life of these jackets we suggest you wash off any ink when you notice it building up in an area; do not let the ink dry, as dry ink is harder to remove and scrubbing too hard is when you can damage the jacket's surface.

Dilute your presswash 50/50 with water and dampen a soft cloth. Gently apply uniform pressure across the surface of the jacket.

Never use a screwdriver, knife, or sharp /abrasive tool on the surface of this jacket. Do not scrub excessively in one area, as you may abrade out glass beads if you scrub with too much pressure over a small area. Gentle uniform pressure will not damage the jacket.

SAFETY PRECAUTIONS: Please remember to always ensure the press is in the shutoff/stop mode before placing your hands or tools near rotating parts of the press during installation of the jacket.