

SECTION 5 DISASSEMBLY AND ASSEMBLY

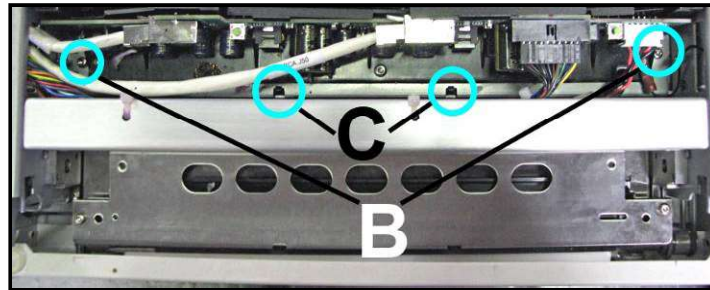
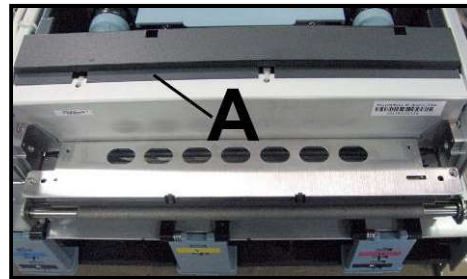
Internal:

[A] Remove the Pen Driver Printed Circuit Board Cover.

[B] Remove (2) screws from bottom of Pen Driver Printed Circuit Board Bay.

[C] Locate and carefully release the (2) black locking tabs holding the Starwheel Assembly to the metal bracket. **NOTE: Locking tabs break easily!** Remove the Starwheel Assembly.

Install in reverse order.

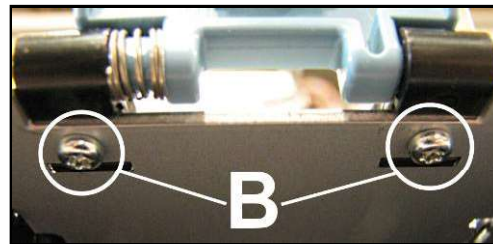


Replacing the Ink Tank Latches

Ink Tanks must be removed prior to replacing latches. See “Replacing Ink Tanks” in the **Maintenance Section**. Printer must be flat on a level surface.

[A] Lift the latch.

[B] Remove (2) screws located on underside of the latch hinge block. *(May require a mirror to find the screw heads.)* Remove the Latch Assembly.



CAUTION

Latches are spring-loaded, **watch that springs don't fly off.**

Replacing the Printhead Lever Latch

Note: There is a “service video” available for this procedure.

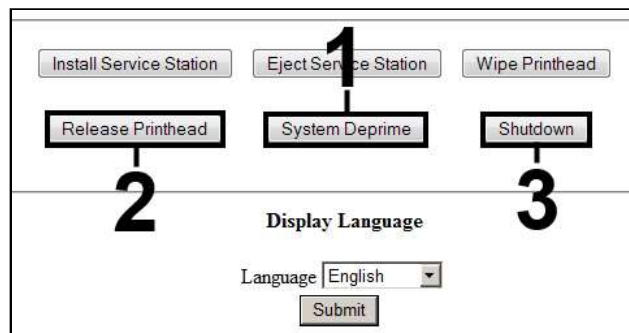
The Printhead Lever Latch is easily broken if forced open manually.

Tools & Supplies needed: nitrile powder-free gloves, needle nose pliers or tweezers, small flathead screwdriver.

Follow the steps below to replace the Latch:

Remove the Printhead Latch

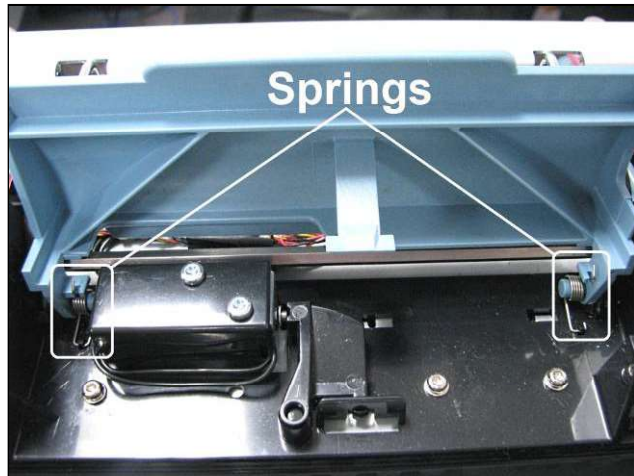
1. Go to the Printer Toolbox **User Interface** screen and click “**System Depri**me”.
2. Click “**Release Printhead**” to release the Printhead Latch.



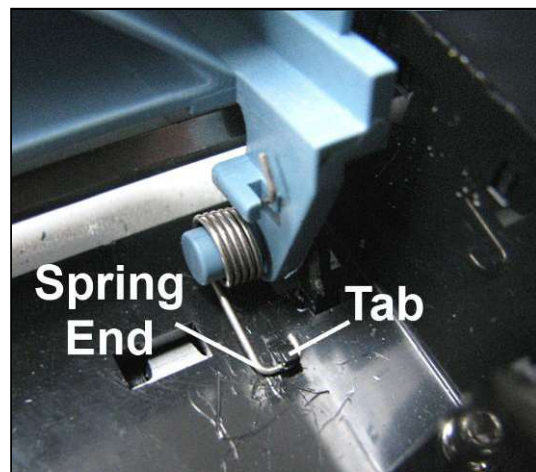
3. Once the Latch pops up, click “**Shutdown**” to shut down the Printer.

4. Lift the Latch manually to access the (2) Latch Springs.

5. Remove the Printhead Cartridge by tilting it toward the ink lines, then carefully lifting it out of the Printhead Compartment. Place in a moistened packaging cap to avoid dehydration.



6. Use needle-nose pliers or tweezers to gently pull the rounded end of the Spring out from beneath the plastic tab in the housing and remove the Spring. Repeat the procedure to remove the second Spring.

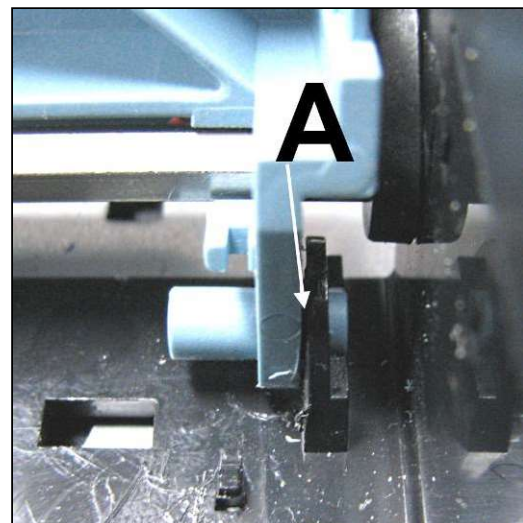


7. **Gently** insert a small, flathead screwdriver between the blue Printhead Latch Pin and the black plastic hinge [A] and rotate to pop the Printhead Latch out of the hinge without damaging either piece.

CAUTION

BE CAREFUL. Black Plastic Hinge breaks easily. Use only gentle pressure when removing/installing the Printhead Latch Pin.

8. The other side should easily slide out of the hinge.
9. Discard the Printhead Latch according to local

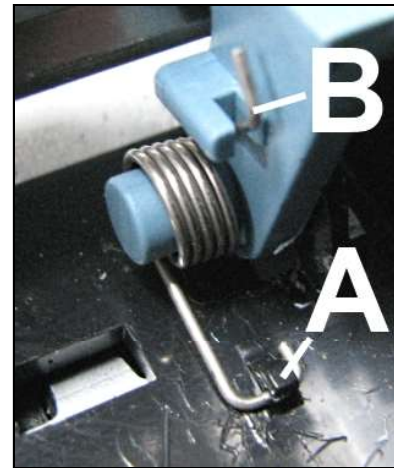


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regulations.

Intall the new Printhead Latch:

1. Align the right tab of the Latch with the right hinge and gently press into place. Repeat for the left side.
2. [A] Use needle-nose pliers to install the right Spring into the plastic tab in the base of the housing.
NOTE: Be sure to orient the Spring as shown.
[B] Use the needle-nose pliers to position the other end of the Spring into the notch in the Printhead Latch.



3. Repeat **Steps 2A** and **2B** for the left side.

4. Remove the Printhead from the protective cap and wipe the Printhead surface according to standard installation procedure, then install.
5. Restart the Printer.
6. Manually close the Printhead Latch until it clicks. The Printer will automatically prime and be ready for testing. **NOTE: If the Printhead Latch is closed with the system powered down, the Printer will not prime automatically.**

Testing

1. Restart the Printer if necessary.

2. Open the Printer Toolbox, navigate to the **Diagnostics** screen and click **“Print Color Bars”** to confirm the the unit is functioning properly.

System Status: ONLINE
Mech State: STANDBY
Mech Status: ONLINE
Maint Status: STANDBY
Firmware: 20130227
Serial Number: SG233Z401689
Printhead: A01N61 - Primed
Tilt: FB=-1.4 LR=0.0
Valve: Closed
Paperpath: Entry: No Exit: No
Maintenance Module: Cap

System Name: M_Series
Serial Number: SG233Z401689
Firmware Version: 20130227
Internal Memory (MB): 64
Total Pages 1600x1600: 4
Total Pages 1600x800: 1619

Network Status: disconnected
MAC Address: 84-97-b8-01-12-84
Printer Name: DEV030201
Domain Name:
DHCP: Enabled
BOOTP: Disabled
AutoIP: Enabled
DHCP Lease Time (s): 0

Print Color Bars

Event Log History

Pages	Event	Description
12	Test page	
11	Test page	
10	Test page	
9	Test page	