

HARD DISK INIT / NVRAM INIT / COLD RESET / Service PIN code
4100mfp / 4345mfp / 9000mfp / 9040mfp / 4730mfp/ 9050mfp

HARD DISK INIT

How to perform a DISK INIT on the hard drive on a 4100mfp

1. Press and hold the START button.
2. Turn the MFP unit on.
3. After the memory count has completed, and the LED's are lit, release the START button.
4. Press and release the LEFT arrow button. The display should read INITIALIZE DISKS.
5. Press and release the SELECT button.
6. After the two rows of asterisks disappear, turn off MFP.

How to perform a DISK INIT on the hard drive on a 4345mfp / 9040mfp / 9050mfp / 4730mfp / 9500mfp

1. Turn the MFP off and then on.
2. When the memory count appears on the control-panel display, press the right-hand side of the START button until all three LEDs are lit. Release the START button.
3. Press 5 one time. INITIALIZE DISK appears on the control-panel display.
4. Press 6 one time. A series of asterisks appears on the control-panel display. Wait for the MFP to complete its initialization sequence.

How to perform a DISK INIT on the hard drive on a 9000mfp

Perform a DISK INIT on the Hard Drive using the following procedure.

1. Press and hold the START button.
2. Turn on MFP, after memory count and LEDs are lit, release the START button.
3. Press and release the 5 KEY button. The display should read INITIALIZE DISKS.
4. Press and release the 6 KEY button.
5. After the two rows of asterisks disappear, turn off MFP.

NVRAM INIT

CAUTION: An NVRAM INIT should NEVER be performed without first consulting with a TSE to determine if the reason to

perform it is valid. This is because this procedure should rarely ever need to be performed. Prior to performing an NVRAM

INIT print a configuration and EIO page so the correct values can be put back in.

Performing an NVRAM INIT resets all the values included in both Restore Factory Defaults and Cold Reset. There are

several additional values that will need to be inputted by a technician in service mode as they get erased when an NVRAM INIT is performed.

When an NVRAM INIT is performed certain critical values are backed up by providing a copy on the hard disk and the

formatter. Both of these copies get backed up at the same time. When an NVRAM INIT occurs the values stored in

NVRAM get erased and the values stored on the disk are renamed.

After the NVRAM INIT is performed certain values get called back from these backups and are written back to NVRAM.

The values not called get erased; these are the values that need to be reinstalled in service mode.

These are:

Hard Disk Lock (Password Protected)

Default Language

Cold Reset Paper Size (back to letter)

Formatter Number

Maintenance Page Count

Maintenance Interval Page Count (350,000 Pages)

Model Name (9000MFP)

Model Number (CXXXXX)

Engine Page Count

Serial Number

How to perform a NVRAM INIT on a 4100mfp

1. Press and hold the DOWN arrow button.
2. Turn on MFP, after memory count and LEDs are lit, release the DOWN arrow button.
3. Press and release the UP arrow button.
4. Press and release the START button.
5. Press and release the UP arrow button. The display should read NVRAM INIT.
6. Press and release the SELECT button.
7. Boot the MFP unit to READY state.

How to perform a NVRAM INIT on a 4345mfp / 9040mfp / 4730mfp / 9500mfp

1. Turn the MFP off and then on.
2. When the memory count appears on the control-panel display, press and hold 9 until all three

LEDs flash once and then stay on. This might take up to 20 seconds.

3. Press 3 one time, and then press START.
4. Press 3 two times until NVRAM INIT appears on the control-panel display.
5. Press 6 one time, and wait while the MFP completes its initialization sequence.

How to perform an NVRAM INIT on a 9000mfp

1. Hold down the 9 key while powering on
2. After all the LED's come on release the 9 key
3. Press and release the 3 key one time
4. Press and release the START key one time
5. Press and release the 3 key one time
6. NVRAM INIT is displayed
7. Press and release the 6 key one time

COLD RESET

A cold reset clears all data from the printer memory and sets many of the defaults back to factory settings.

Performing a cold reset on the HP LaserJet MFP series should only be necessary if the Jetdirect

card needs to be reset. The Restore Factory Settings option from the control panel of the MFP

resets the printer to factory defaults exactly the same as a cold reset with the exception of not

resetting the Jetdirect card. That is the only difference between the two.

How to perform a COLD RESET on a 4100mfp

1. Turn the product off.
2. Press and hold down the checkmark (Select) button.
3. Turn the product on.
4. Continue to hold down the checkmark (Select) button until all three LEDs are illuminated.

Release the checkmark (Select) button.

5. Press the up arrow (navigation) button twice. The message COLD RESET will appear on the control panel display.

6. Press the checkmark (Select) button once. The message STARTS will appear on the control panel display.

7. When the cold reset is complete, the MFP will restart.

How to perform a COLD RESET on a 4345mfp / 9040mfp / 9050mfp / 4730mfp

To perform a cold reset:

1. Turn the MFP off and then on.
2. When the memory count appears on the control-panel display, press and hold 6 until all three

LEDs flash once and then stay on. This might take up to 20 seconds.

3. Press 3 four times until COLD RESET appears on the control-panel display.

4. Press 6 one time. The MFP should continue its initialization sequence.

How to perform a COLD RESET on a 9500mfp

To perform a cold reset:

1. Turn the MFP off and then on.
2. When the memory count appears on the control-panel display, press and hold 6 until all three

LEDs flash once and then stay on. This might take up to 20 seconds.

3. Press 9 until COLD RESET appears on the control-panel display.

4. Press 6 one time. The MFP should continue its initialization sequence.

How to perform a COLD RESET on a 9000mfp

1. Hold down the 6 key while powering on

2. After all the LED's come on, release the 6 key

3. Press and release the 9 key one time

4. COLD RESET is then displayed

5. Press and release the 6 key one time

Service Menu

4100mfp : 04410002

9000mfp : 00900001

4345mfp : 11434504

9040mfp : 11904004

9050mfp : 11905004
9500mfp : 11950004
4730mfp: 09473005
LaserJet 2300 : 11230002
LaserJet 4200 : 11420002
LaserJet 4300 : 11430002