

Removal and Installation

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Introduction

This chapter is a step by step guide to the removal and installation of the key components in the printer. You may find it useful to tick off the steps as they are performed. Use the illustration at each procedure to identify the parts referred to in the text.

The procedures appear in order of removal. So the whole machine can be stripped down by starting at the beginning of this chapter and working through the subsequent procedures.

Before using this chapter to remove and install a new component, always make sure that you have performed the relevant service test from Chapter 4. If the test passes you will not need to replace the component.

Safety Precautions

Review WARNING and CAUTION symbols and instructions before you service the printer. Follow these warnings and cautions for your protection and to avoid damaging the printer.

Serious shock hazard leading to death or injury may result if you do not take the following precautions:

Ensure that the ac power outlet (mains) has a protective earth (ground) terminal.

Switch the plotter off, and disconnect it from the power source prior to performing any maintenance.

Prevent water or other liquids from running onto electrical components or circuits, or through openings in the module.

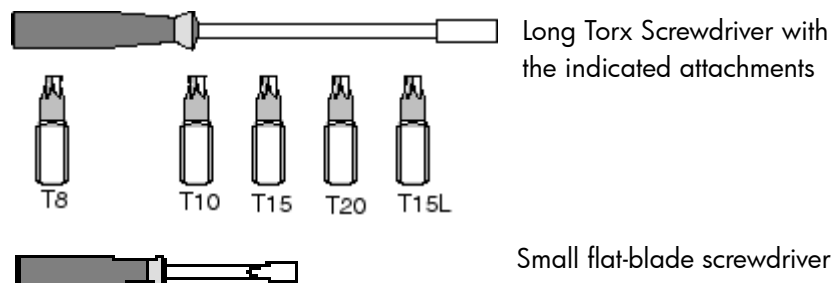
Electrostatic Discharge (ESD) Precautions

To prevent damage to the Printer circuits from high-voltage electrostatic discharge (ESD):

1. Do not wear clothing that is subject to static build-up.
2. Do not handle integrated circuits (ICs) in carpeted areas.
3. Do not remove an IC or a printed circuit assembly (PCA) from its conductive foam pad or conductive packaging until you are ready to install it.
4. Ground (earth) your body while disassembling and working on the Printer.
5. After removing a cover from the Printer, attach an earthing (ground) lead between the PCA common and earth ground. Touch all tools to earth ground to remove static charges before using them on the Printer.
6. After removing any PCA from the Printer, place it on a conductive foam pad or into its conductive packaging to prevent ESD damage to any ICs on the PCA.

Required Tools

The following tools are required to disassemble and repair the Printer.



Screw Types

Type	Torx	Length (mm)	Head Type	Thread Type	Part Number
A	T-20	17	Pan	Taptite	0515-1743
B	T-20	10	Pan	Taptite	0515-2282
C	T-10	7.0	Pan	Machined	0515-4613
D	T-8	5.5	Pan	Taptite	0515-2850
E	T-15	-	Pan	-	C3180-20001
F	T-15	9.5	Pan	Plastite	0515-2981
G	T-15	12.7	Pan	Taptite	0624-0769
H	T-15	12.7	Pan	Taptite	0515-4706
I	T-10	8.0	Pan	Taptite	0515-2200
J	T-15	20	Pan	Plastite	0624-0771
K	T-8	9.5	Pan	Taptite	0624-0680
L	T-8	12.7	Pan	Taptite	0624-0768
M	T-20	-	Pan	-	0515-2521
N	T-20	35	Pan	Sheet Metal	C6071-20025
O	T-20	12.7	Pan	-	0624-1062
P	T-15	11.6	Pan	Machined	C2847-20018
Q	T-20	-	Pan	Taptite	0515-2916
R	T-15	-	Pan	Taptite	0515-1916

Window

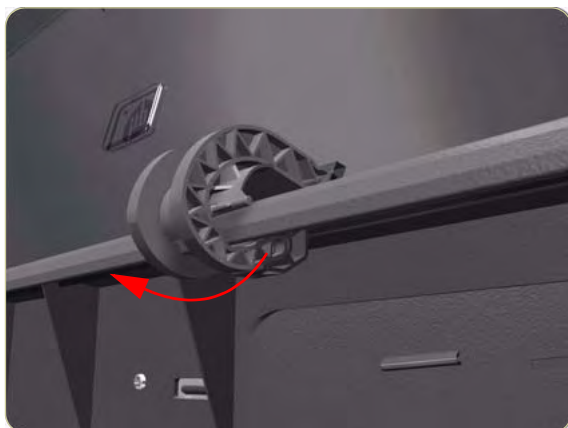
Removal

Switch off the product and remove the power cable.

1. Open the Window.

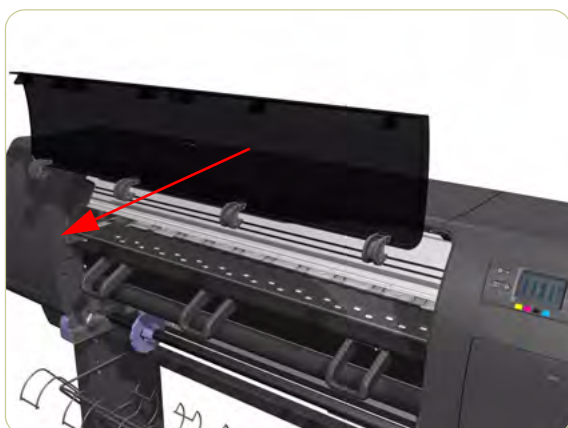


2. Unclip the Window hinges from the Top Cover.

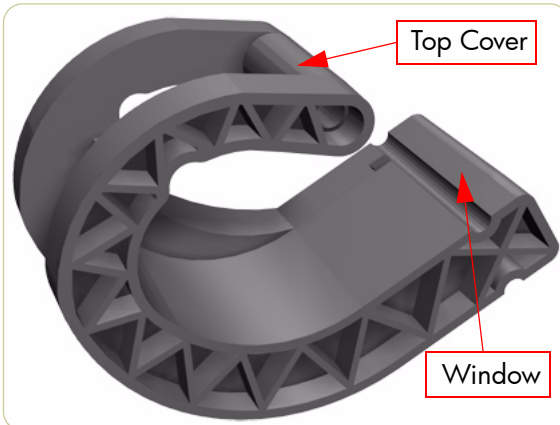


Since the hinges are very hard to unclip, it is recommended that you use a screwdriver or other tool to forcefully unclip the Window hinges from the Top Cover.

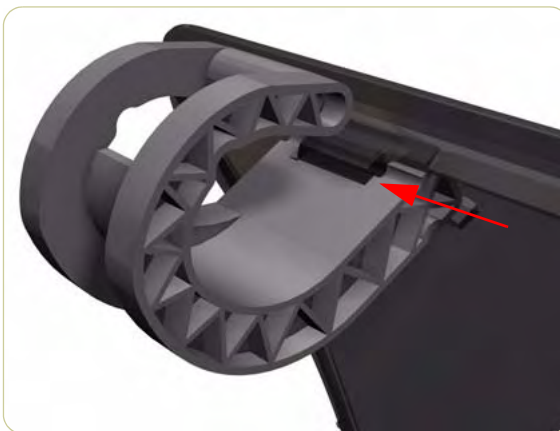
3. Remove the Window from the Printer.



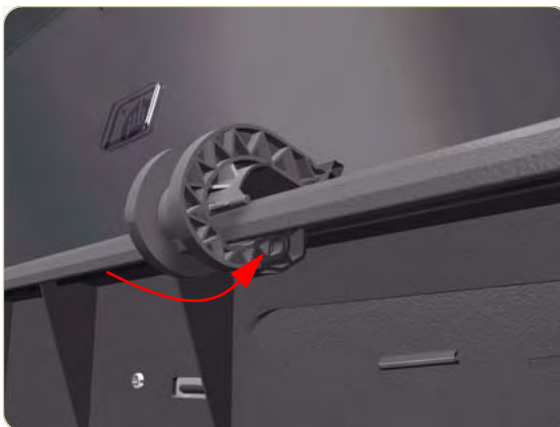
Installation of New Window



1. Identify the two ends of the Window Hinge (four in total) - one end is clipped to the Window and the other to the Top Cover.



2. Slide the Window Hinges on to the Window.



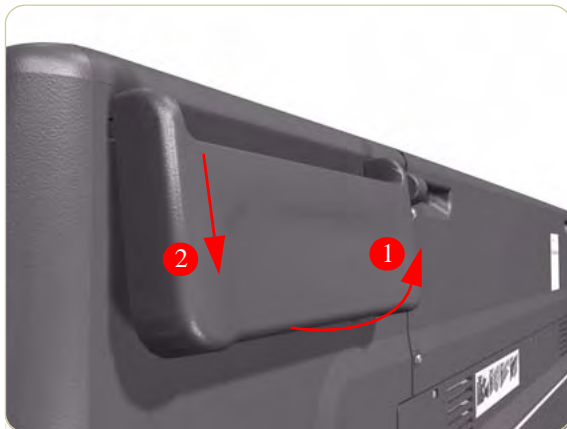
3. Clip the Window Hinges to the Top Cover.

Since the hinges are very hard to clip, you will need to forcefully clip the Window hinges to the Top Cover.

Right Cover

Removal

Switch off the product and remove the power cable.



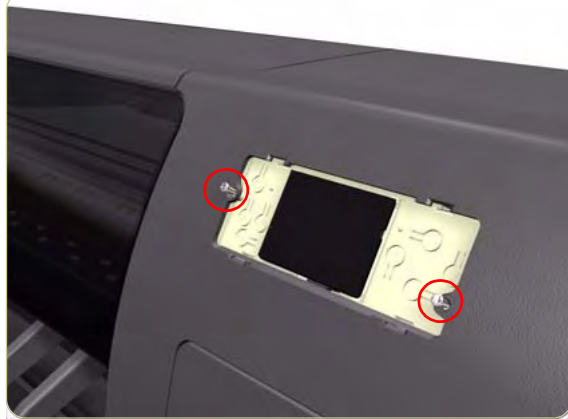
1. Unclip the Quick reference Guide Holder from the rear of the Printer.



2. Using a small flat-blade screwdriver, unclip the Front Panel Bezel from the Right Cover.



3. Remove the Front Panel Bezel from the Right Cover.



4. Remove two T-15 screws (**Type G**) that secure the Front Panel to the Right Cover.



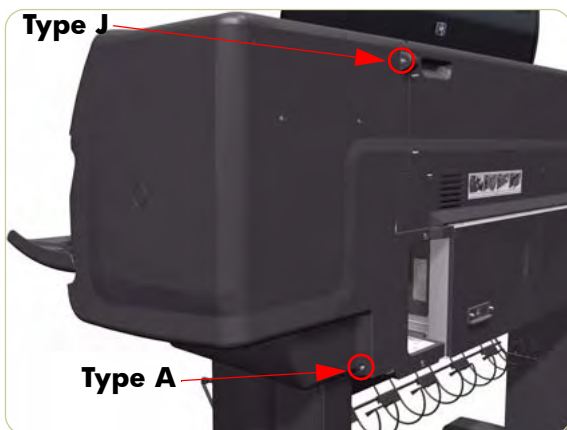
5. Open the Printhead Cleaner Door.



6. Remove one T-15 screw (**Type J**) that secures the Right Cover.



7. Open the Window and remove two T-15 screws (**Type J**) that secure the Right Cover.



8. Remove one T-15 screw (**Type J**) and one T-20 screw (**Type A**) that secure the Right Cover from the rear of the Printer.



9. Remove the Right Cover from the Printer.

When installing the Right Cover, make sure you leave the Printhead Cleaner Door open, otherwise you could damage the Printhead Cleaner Door Sensor.

Left Cover

Removal

Switch off the product and remove the power cable.



1. Open the Ink Cartridge Door.



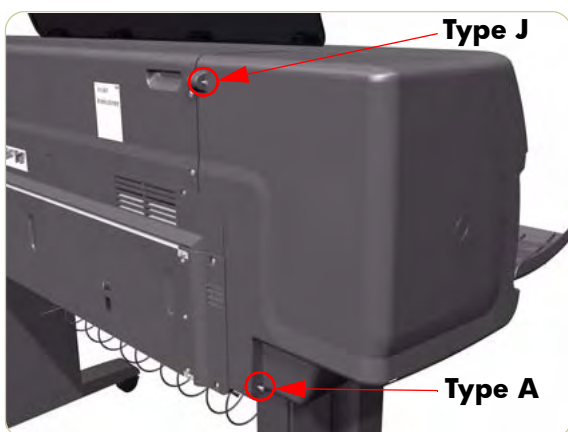
2. Remove the Ink Cartridges from the Printer.



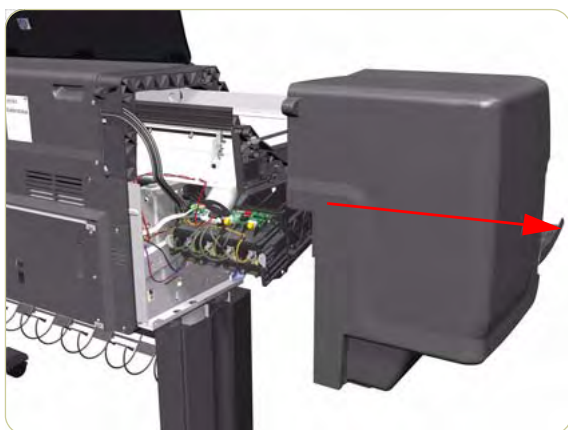
3. Remove one T-15 screw (**Type J**) that secures the Left Cover.



4. Open the Window and remove two T-15 (**Type J**) screws that secure the Left Cover.



5. Remove one T-15 screw (**Type J**) and one T-20 screw (**Type A**) that secure the Left Cover.



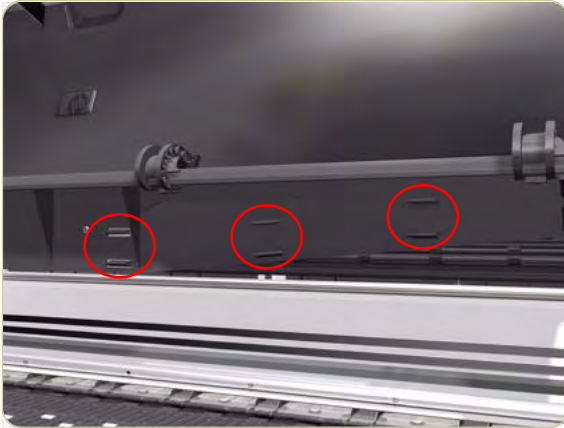
6. Remove the Left Cover from the Printer.

Top Cover

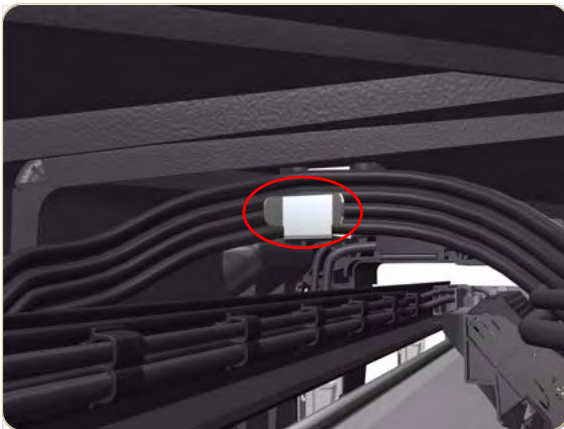
Removal

Switch off the product and remove the power cable.

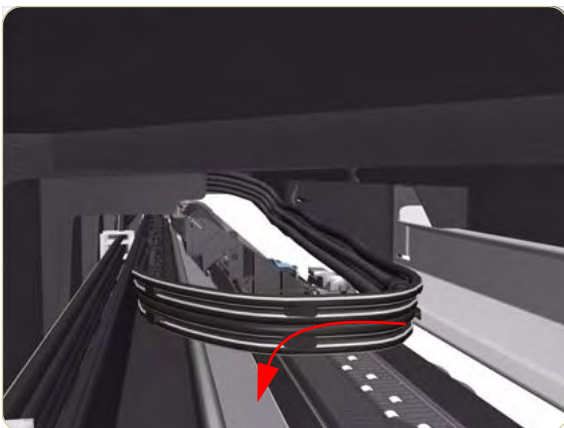
1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Release the three clips securing the Ink Supply Tubes and the Trailing Cable to the Top Cover.

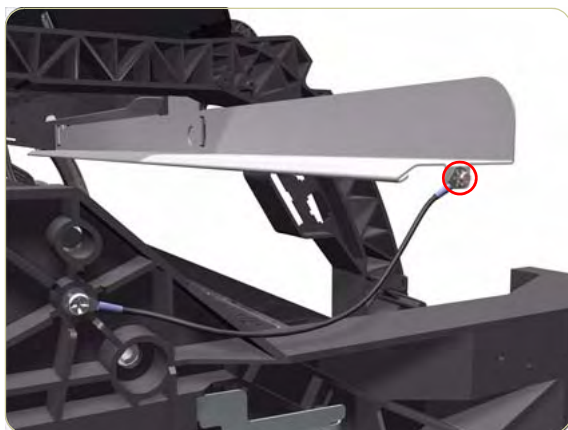


4. Release the Ink Supply Tubes and Trailing Cable from the clip underneath the Top Cover.

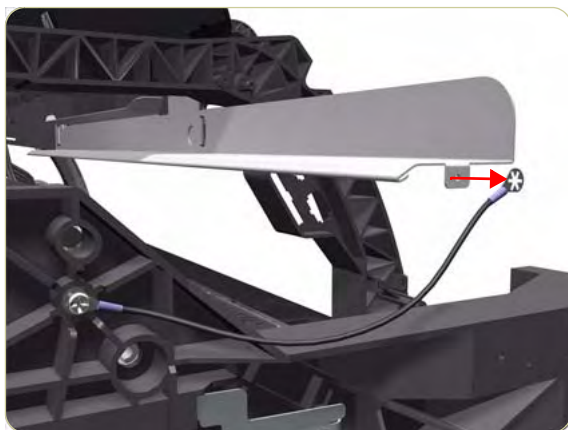


5. Remove the Ink Supply Tubes and Trailing Cable from within the Top Cover and lay them on the Print Platen.





6. Remove one T-10 (**Type I**) screw that secures the ESD Strip to the Top Cover (on the left hand side of the Printer).



7. Disconnect the ESD Strip from the Top Cover.



8. Remove three T-15 screws (**Type G**) that secure the Rear Door.

Each screw includes a washer (part number 3050-1267).



9. Open the Rear Door.



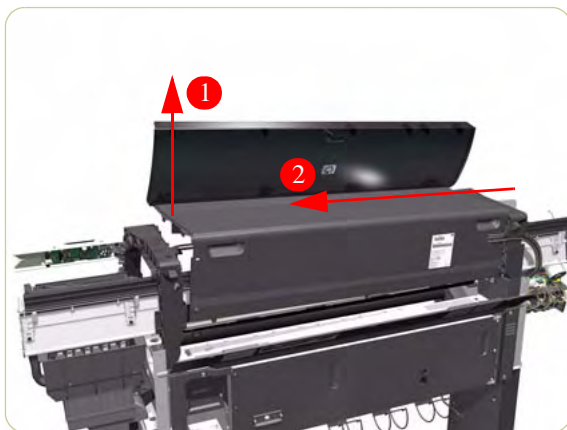
10. Remove four T-15 screws (**Type H**) that secure the Top Cover from the rear of the Printer.



11. Using a flat-head screwdriver, release the Top Cover from the right hand side of the Printer.

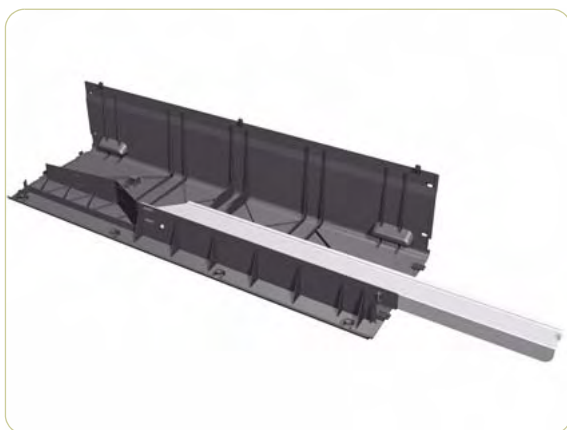


- 12.** Release the Top Cover from the rear of the Printer.

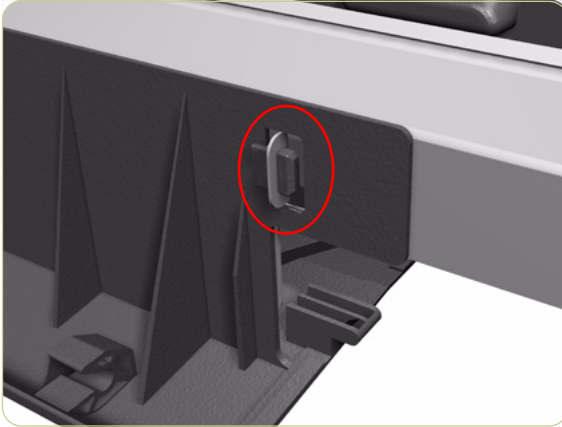


- 13.** Raise the right hand side of the Top Cover and pull out to the right.

If a NEW Top Cover is to be installed, take note of the following instructions before assembling the Top Cover on to the Printer:



- 1.** Position the Metallic Support on to the Top Cover.



2. Lock the Metallic Support on to the Top Cover.



3. Install the T-20 screw that secures the Metallic Support to the Top Cover.



4. Remove the Window (⇒ Page 8-4) from the old Top Cover and install it on the new Top Cover.

When installing the Ink Supply Tubes and Trailing Cable on to the Top Cover, take note of the of the two red marks on the Ink Supply Tubes. These two red marks should be aligned with the first slot in the Top Cover as this will help with the rest of the installation.

Rear Door

Removal

Switch off the product and remove the power cable.

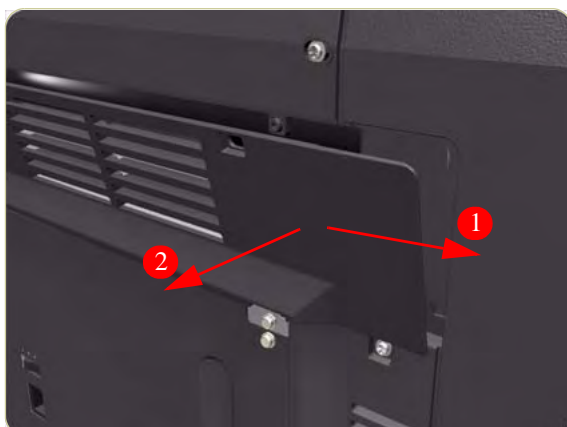


1. Remove three T-15 screws (**Type G**) from the Rear Door.

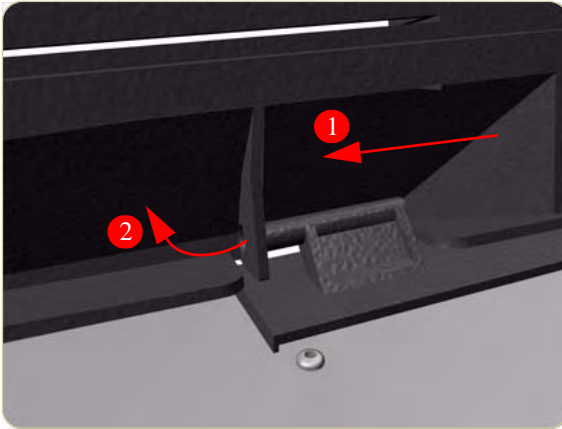
Each screw includes a washer (part number 3050-1267).



2. Open the Rear Door slightly (as shown).



3. To release the right hand hinge of the Rear Door, move the Rear Door to the right and then towards you.



4. To release the left hand hinge of the Rear Door, move the Rear Door to the right and then bend the hinge slightly (as shown).



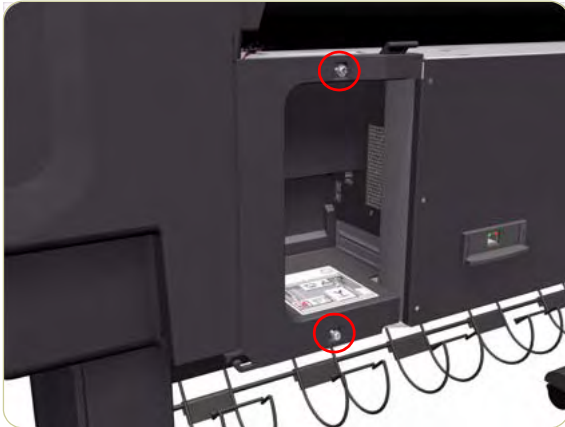
5. Remove the Rear Door from the Printer.

Right Connector Cover

Removal

Switch off the product and remove the power cable.

1. Remove the Rear Door ⇒ Page 8-16.
2. Remove two T-20 screws (**Type B**) from the Right Connector Cover.



3. Remove the Right Connector Cover from the Printer.

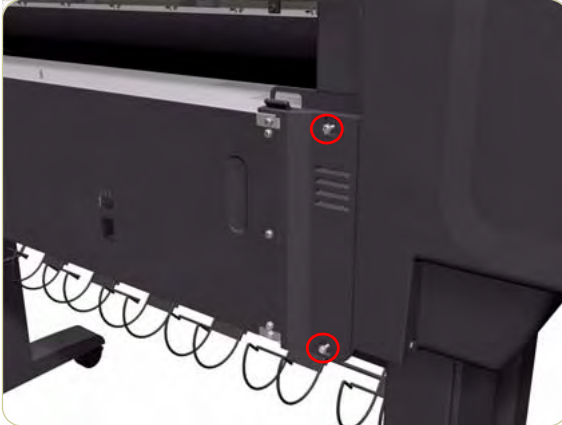


Left Connector Cover

Removal

Switch off the product and remove the power cable.

1. Remove the Rear Door ⇒ Page 8-16.
2. Remove two T-20 screws (**Type B**) from the Left Connector Cover.



3. Remove the Left Connector Cover from the Printer.



Front Panel

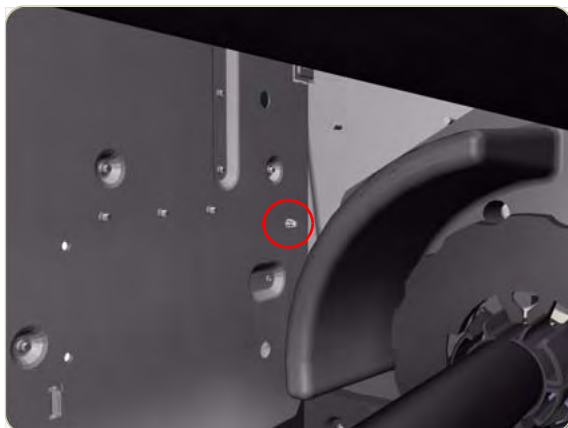
Removal

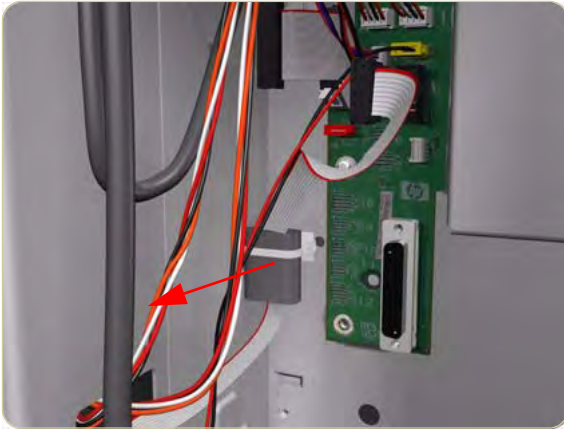
Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Rear Door ⇒ Page 8-16.
3. Remove the Right Connector Cover ⇒ Page 8-18.
4. Disconnect the Front Panel Cable from the Interconnect PCA.

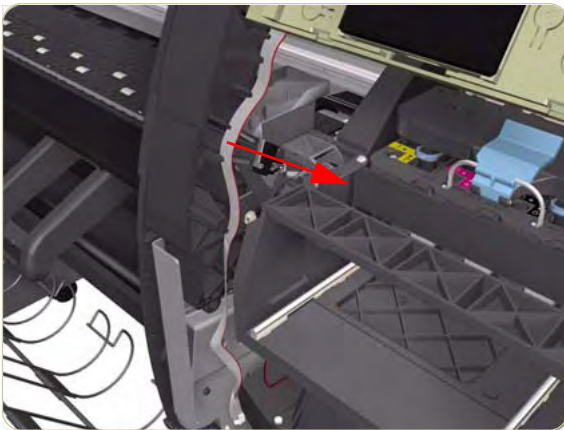


5. Disconnect the Ferrite clip (located on the rear of the Electronics Module) from the front of the Printer.

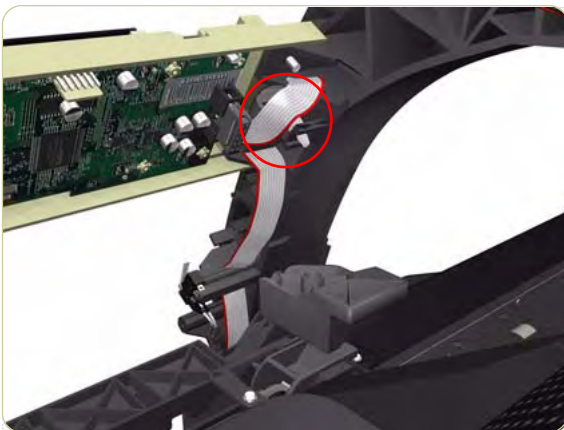




6. Move the Front Panel Cable (including the ferrite) out of the Electronics Module.

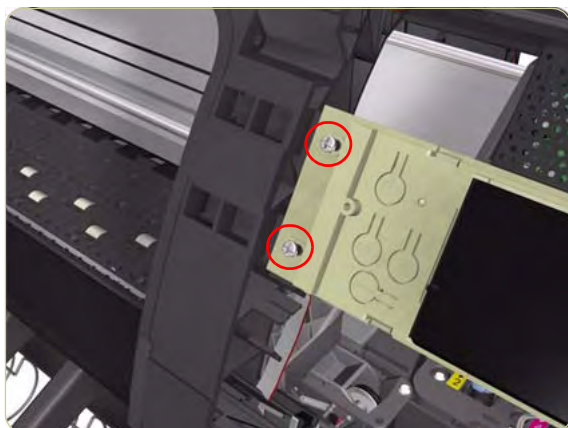


7. Release the Front Panel Cable from the Right Arc.

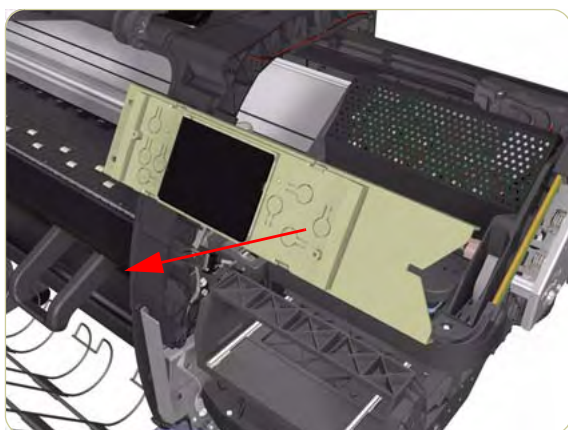


8. Disconnect the Ferrite clip from the Right Arc.

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9. Remove two T-15 screws (**Type G**) that secure the Front Panel to the Printer.



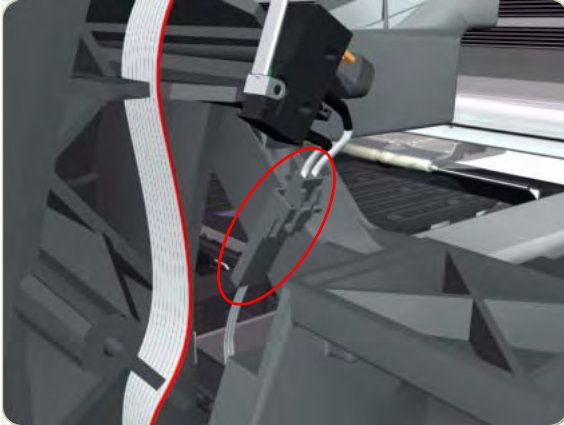
10. Remove the Front Panel from the Printer.

Service Station

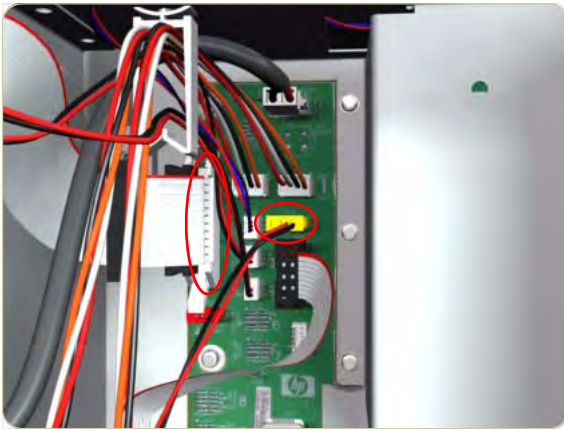
Removal

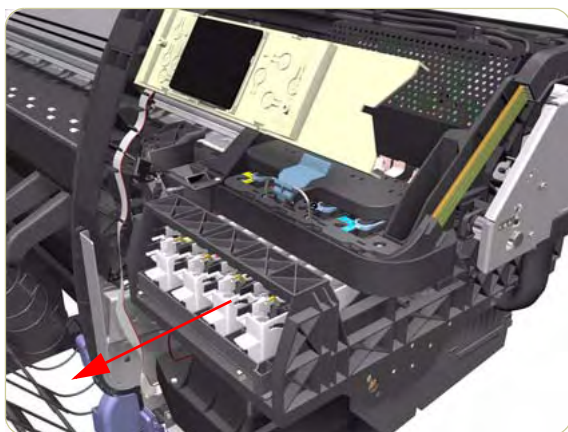
Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Rear Door ⇒ Page 8-16.
3. Remove the Right Connector Cover ⇒ Page 8-18.
4. Disconnect the cable from the Printhead Cleaner Door Switch.

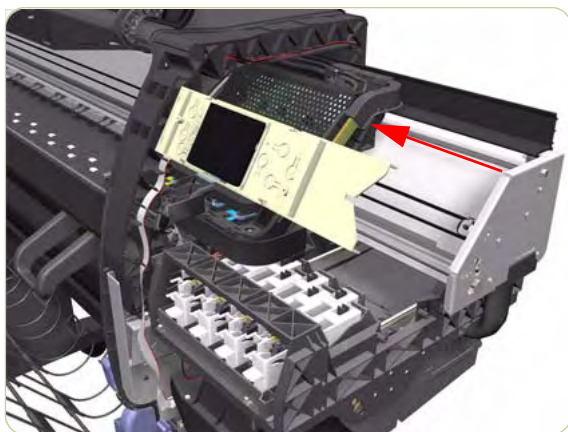


5. Disconnect the Service Station and Aerosol Fan Cables from the Interconnect PCA.

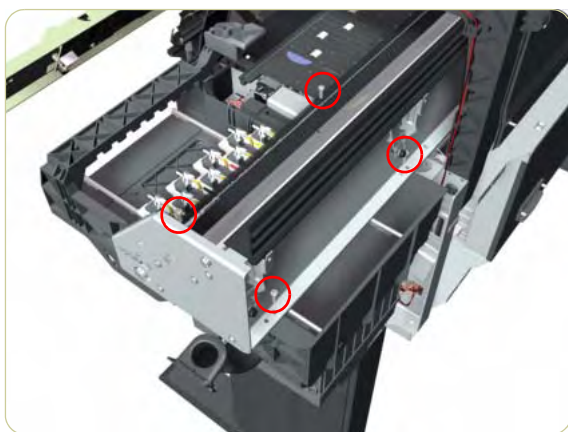




6. Uncap the Carriage Assembly by manually pulling out the Printhead Cleaner tray.

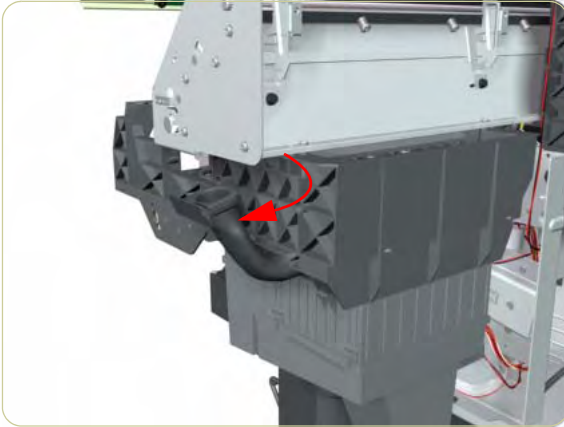


7. Move the Carriage Assembly out of the Service Station.

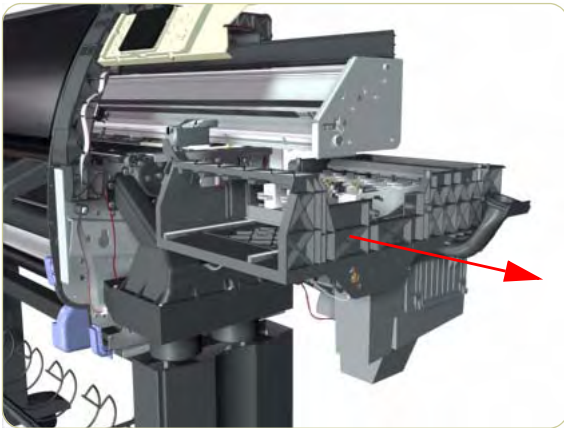


8. Remove four T-15 screws (**Type J**) that secure the Service Station to the Chassis.

When removing the screws, please be very careful NOT to damage the Encoder Strip.



9. Disconnect the Aerosol Fan Tube from the Chassis.



10. Remove the Service Station from the Printer.

After installing the NEW Service Station, make sure you perform the following Service Utility:

- Reset Counter PHC spittoon ⇒ Chapter 4.

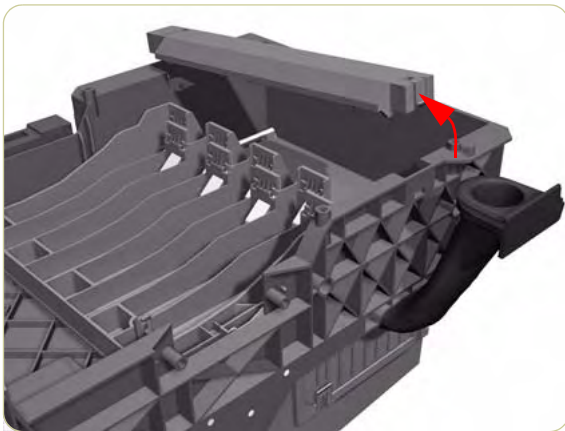
After installing the NEW Service Station, make sure you perform the following Service Calibration:

- Service Station Calibration ⇒ Chapter 5.

Removal of the Service Station Scraper



1. Release the clip securing the Scraper to the Service Station.



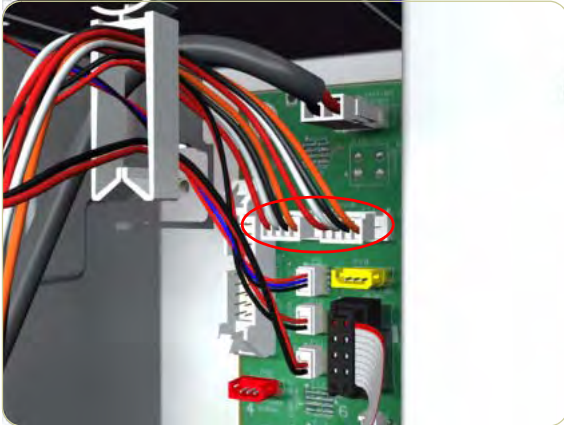
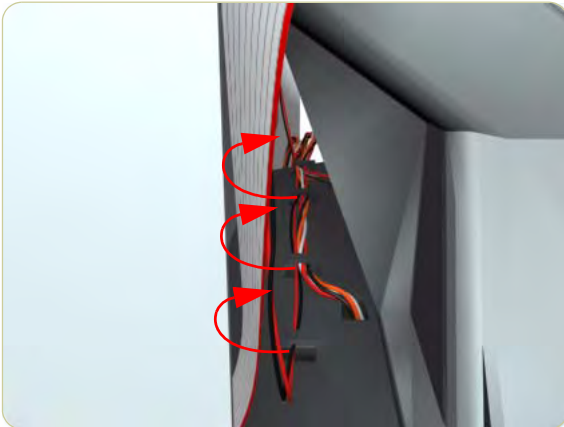
2. Remove the Scraper from the Service Station.

Vacuum Fan

Removal

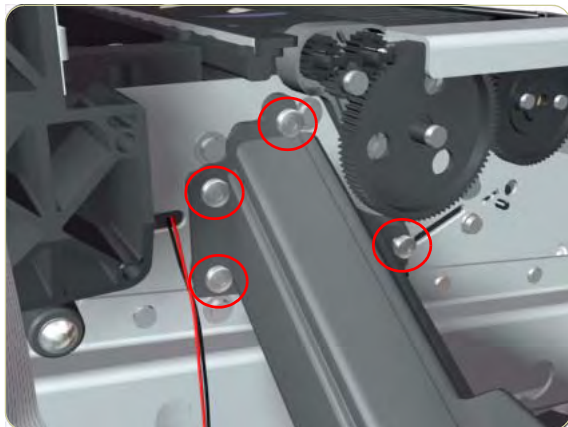
Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Rear Door ⇒ Page 8-16.
3. Remove the Right Connector Cover ⇒ Page 8-18.
4. Remove the Service Station ⇒ Page 8-23.
5. Release the Pinchwheel Lever Sensor Cable from the Vacuum Fan.

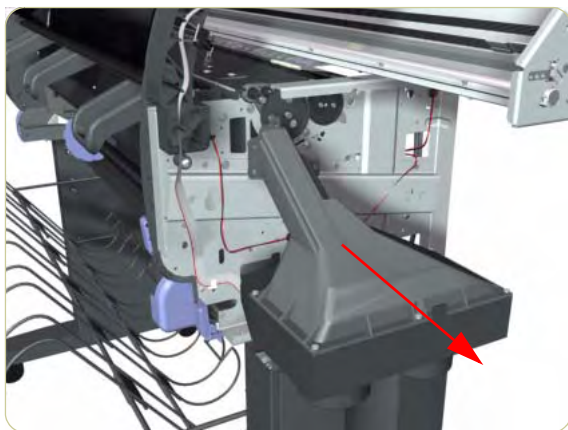


6. Disconnect both Vacuum Fan cables from the Interconnect PCA.

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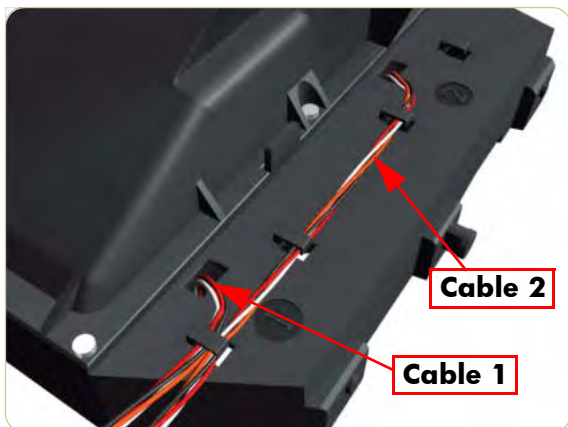
7. Remove four T-20 screws (**Type B**) that secure the Vacuum Fan to the Printer.



8. Remove the Vacuum Fan from the Printer.

After installing the NEW Vacuum Fan, make sure you perform the following Service Calibration:

- Paper Advance Calibration ⇒ Chapter 5.



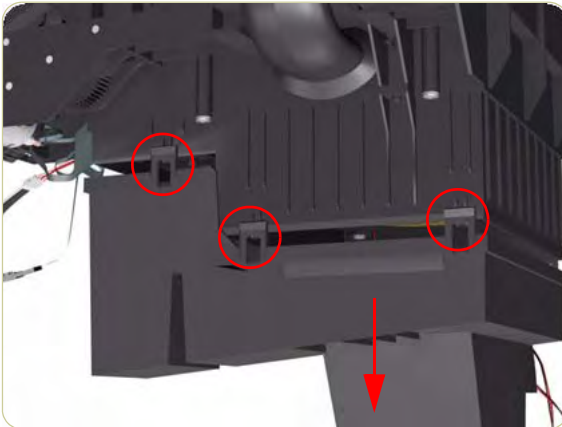
When connecting the Vacuum Fan cables to the Interconnect PCA, make sure you connect the cable with the label marked Vacuum Fan 1 to connector 1 and the cable with the label marked Vacuum Fan 2 to connector 2. You can verify if both cables are labelled correctly by the actual markings on the Vacuum Fan.

Aerosol Fan

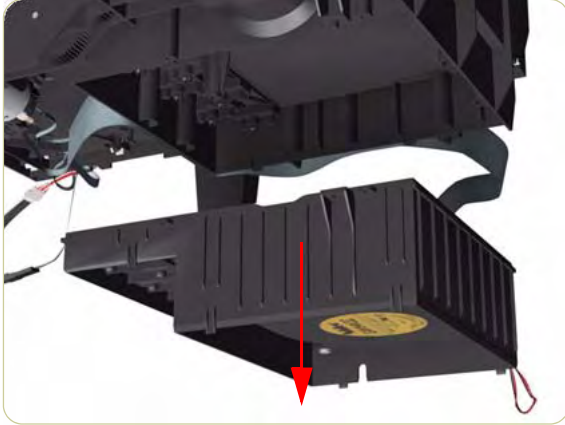
Removal

Switch off the product and remove the power cable.

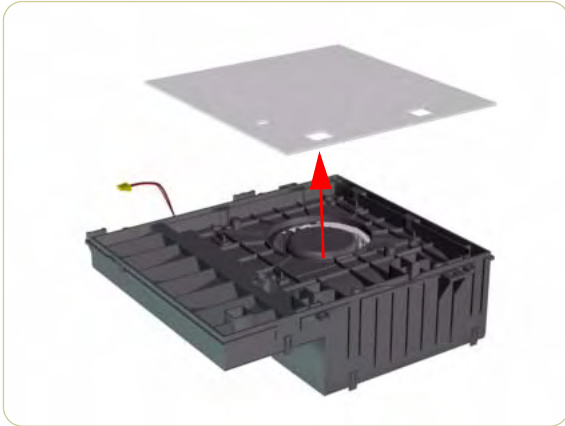
1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Rear Door ⇒ Page 8-16.
3. Remove the Right Connector Cover ⇒ Page 8-18.
4. Remove the Service Station ⇒ Page 8-23.
5. Unclip the bottom cover from the Aerosol Fan.



6. Remove four T-15 screws (**Type G**) that secure the Aerosol Fan to the Service Station.



- 7.** Remove the Aerosol Fan from the Service Station.



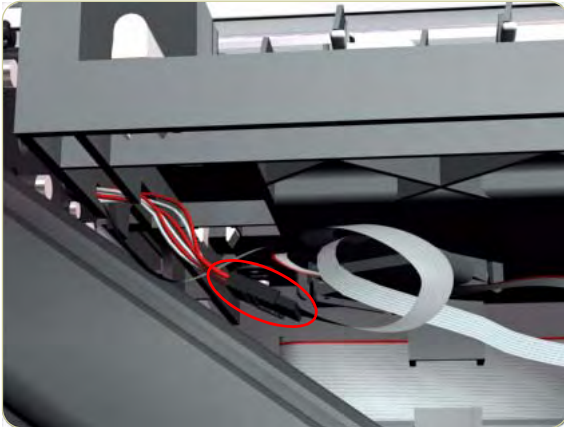
- 8.** If necessary, remove the Aerosol Fan Filter from the Aerosol Fan.

Drop Detector

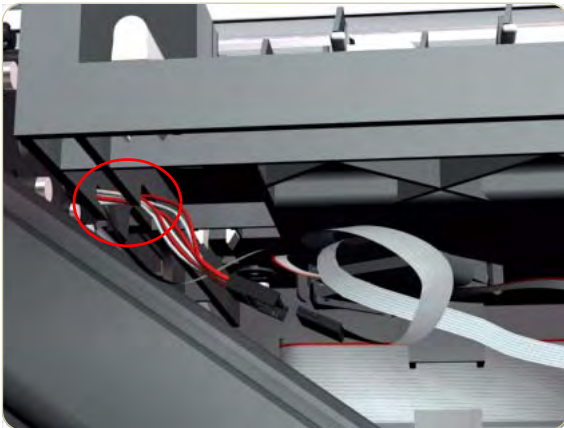
Removal

Switch off the product and remove the power cable.

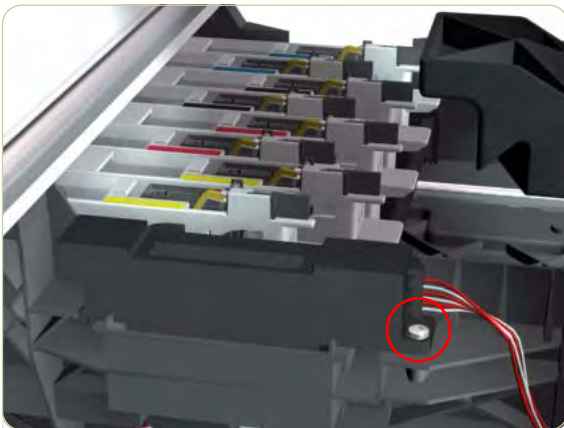
1. Remove the Right Cover ⇒ Page 8-6.
2. Disconnect the Drop Detector Cable from the Service Station Cable.

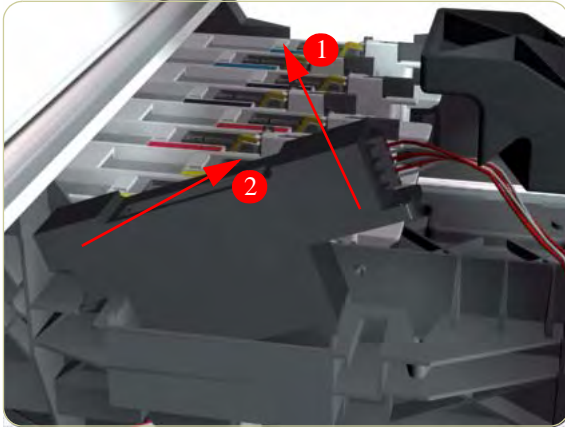


3. Release the Drop Detector Cable from the Service Station.



4. Remove one T-8 screw (**Type K**) that secures the Drop Detector to the Service Station.





5. Remove the Drop Detector from the Printer.

After installing the NEW Drop Detector, make sure you perform the following Service Calibration:

- Drop Detector Calibration ⇒ Chapter 5.

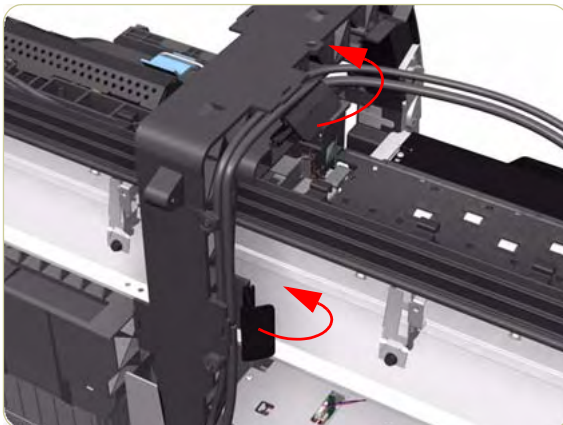
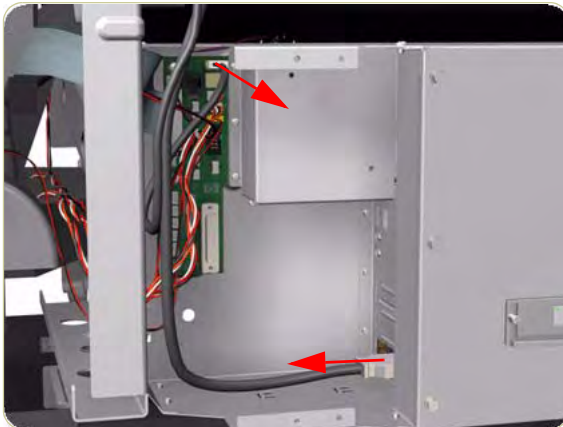
Ink Supply Tubes and Trailing Cable

Removal

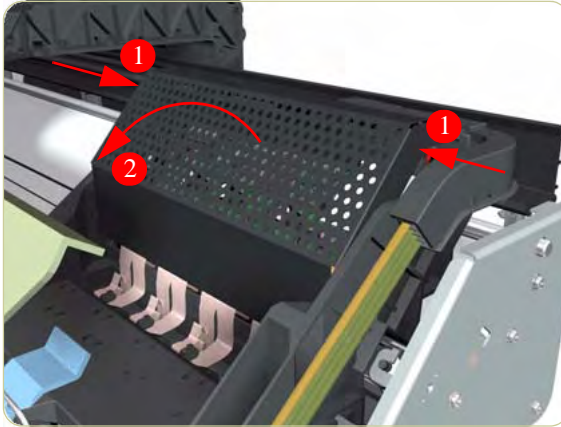
Switch off the product and remove the power cable.

You MUST NEVER replace both the Hard Disk Drive and the Ink Supply Tubes and Trailing Cable at the same time. If both parts need to be replaced, you MUST first replace one part and then power ON the Printer until it completely initializes. Then you can power OFF the Printer and replace the other part.

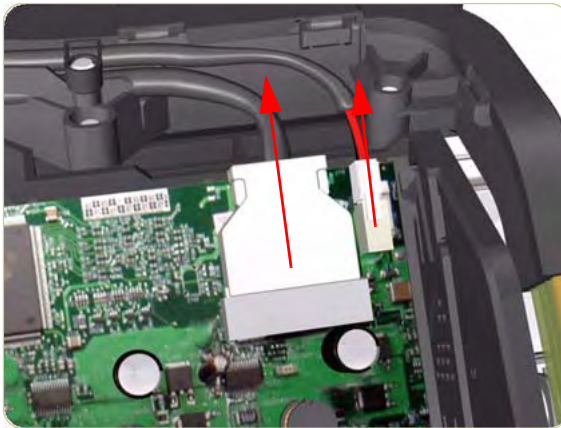
1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Remove the Top Cover ⇒ Page 8-11.
4. Remove the Rear Door ⇒ Page 8-16.
5. Remove the Right Connector Cover ⇒ Page 8-18.
6. Disconnect the Trailing Cable from the Interconnect PCA and the Gamut PCA.



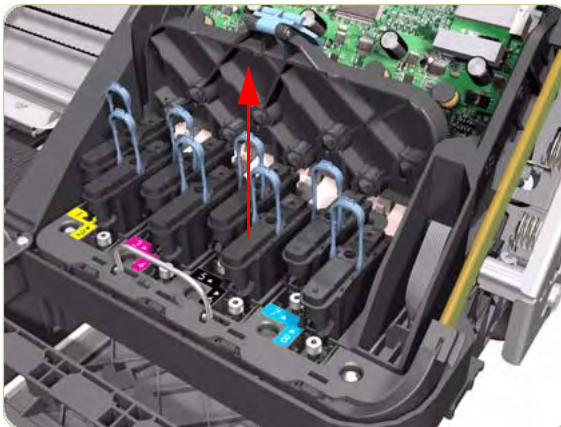
7. Release the two plastic clips securing the Trailing Cable.



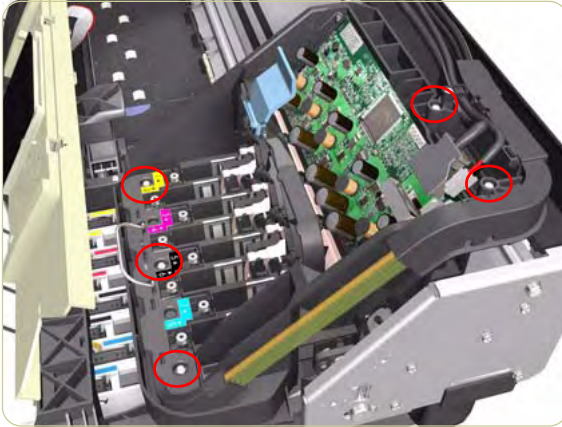
- 8.** Press the two side of the Carriage PCA Cover and unclip from the Carriage Assembly.



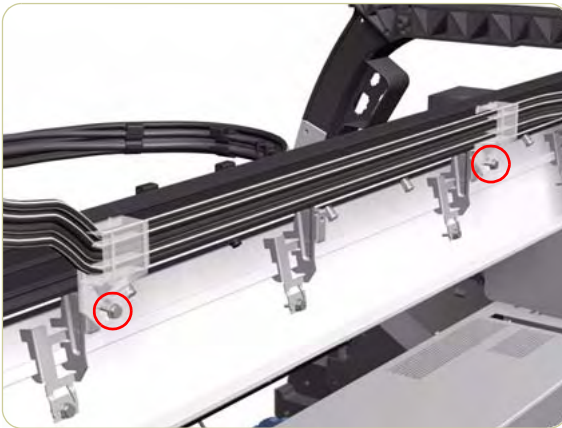
- 9.** Disconnect the Trailing Cable from the Carriage PCA.



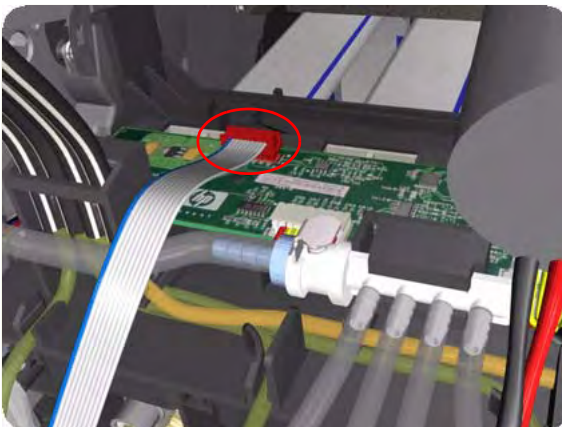
- 10.** Open the Carriage Cover and remove ALL the Printheads from the Carriage Assembly.



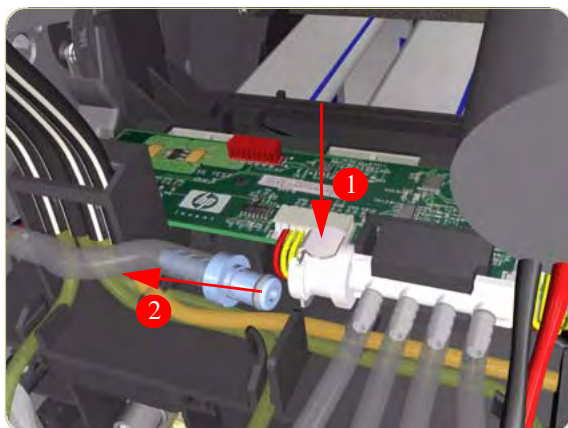
- 11.** Remove five T-15 screws (**Type G**) that secure the Ink Supply Tubes to the Carriage Assembly.



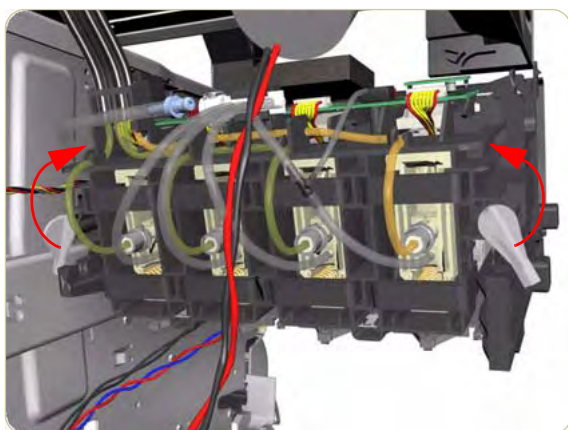
- 12.** Remove one T-20 screw (**Type B**) from each plastic holder at the rear of the Printer.



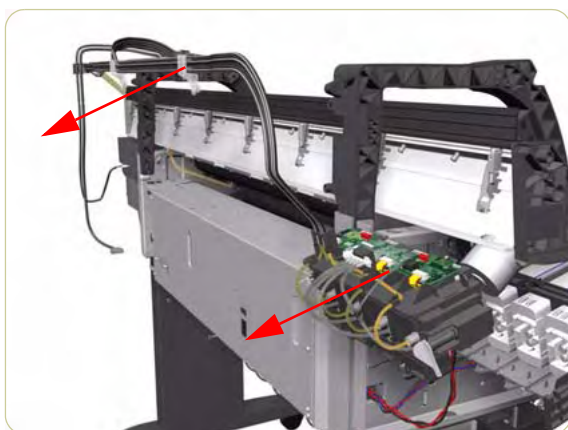
- 13.** Disconnect the Electrical Cable from the rear of the Ink Cartridge Tube Connector.



14. Disconnect the Air Tube from the Ink Supply Tubes.



15. Twist the 2 latches at the rear of the Ink Cartridge Tube Connector and release the complete assembly.



16. Remove the Ink Supply Tubes and Trailing Cable from the Printer.

Installation of the Ink Supply Tubes and Trailing Cable

After installing the NEW Ink Supply Tubes and Trailing Cable, make sure you perform the following Service Utility:

- Reset life counter scan cycles tubes/cable ⇒ Chapter 4.



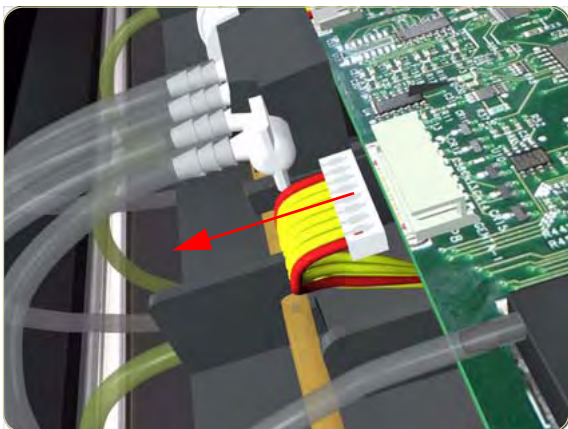
When installing the Ink Supply Tubes and Trailing Cable on to the Top Cover, take note of the of the two red marks on the Ink Supply Tubes. These two red marks should be aligned with the first slot in the Top Cover as this will help with the rest of the installation.

ISS to Cartridge Cables

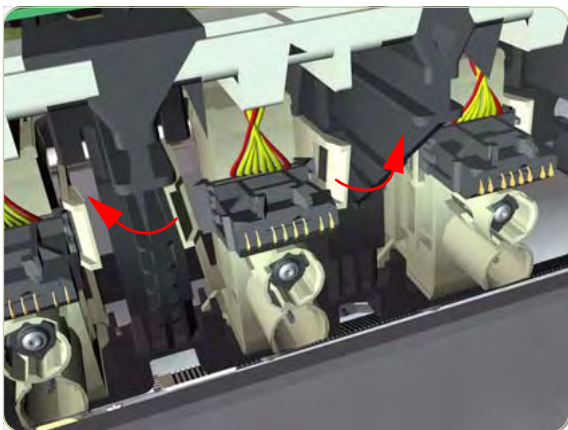
Removal

Switch off the product and remove the power cable.

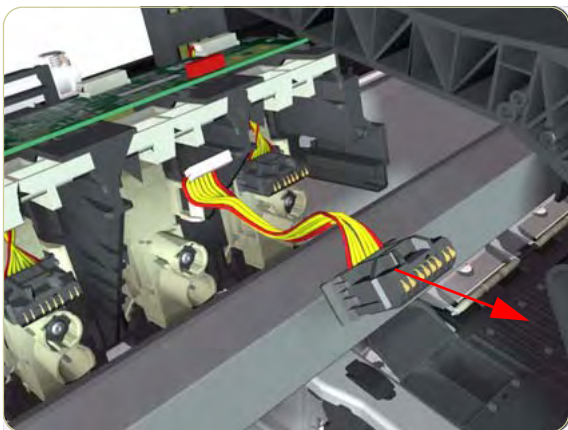
1. Remove the Left Cover ⇒ Page 8-4.
2. Disconnect the ISS to Cartridge Cable from the ISS PCA.



3. Release the clips securing the ISS to Cartridge Cable.



4. Remove the ISS to Cartridge Cable from the Printer.



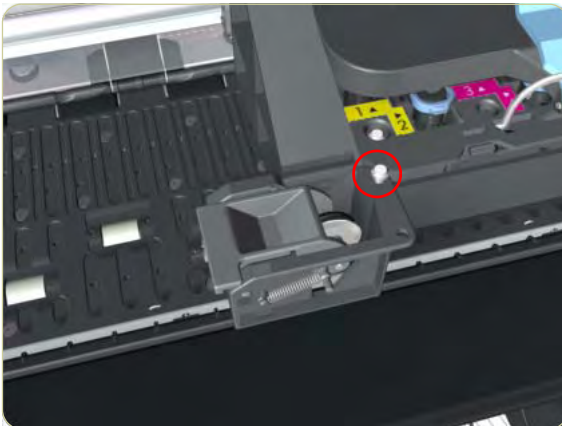
Cutter Assembly

Removal

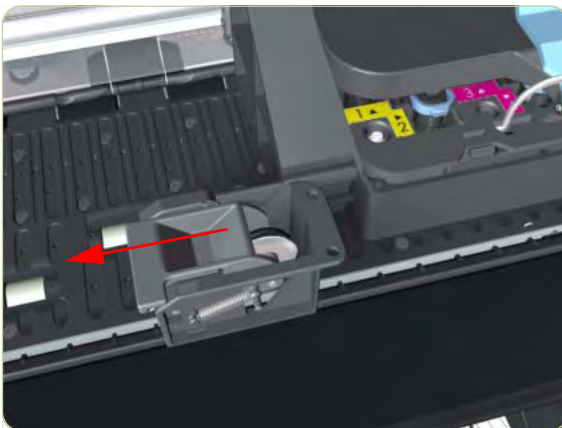
1. Select "Replace Cutter" from Service Menu (refer to Chapter 4) and follow the instructions on the Front Panel.
2. Open the Window.



3. Remove one T-15 screw (**Type G**) that secures the Cutter Assembly to the Carriage Assembly.



4. Slide the Cutter Assembly to the left and remove from the Printer.

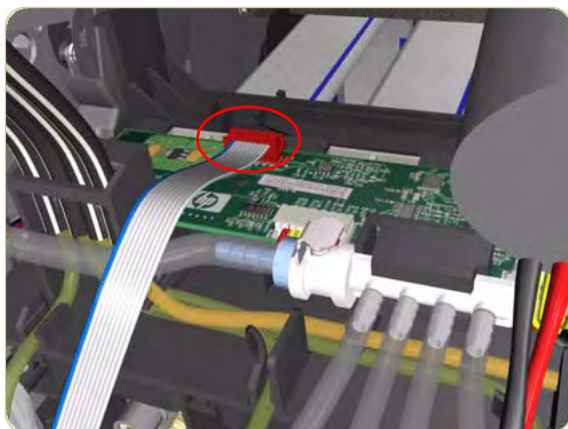


Ink Supply Station (ISS)

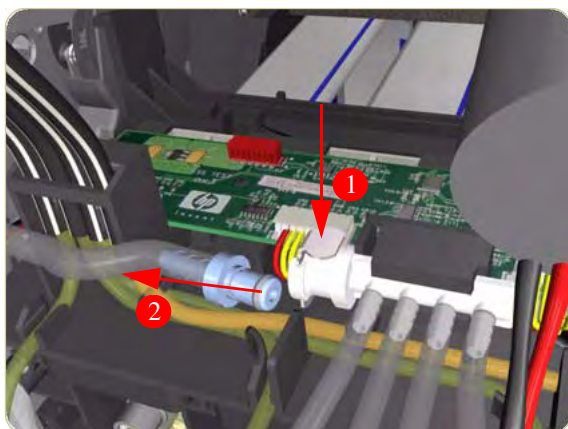
Removal

Switch off the product and remove the power cable.

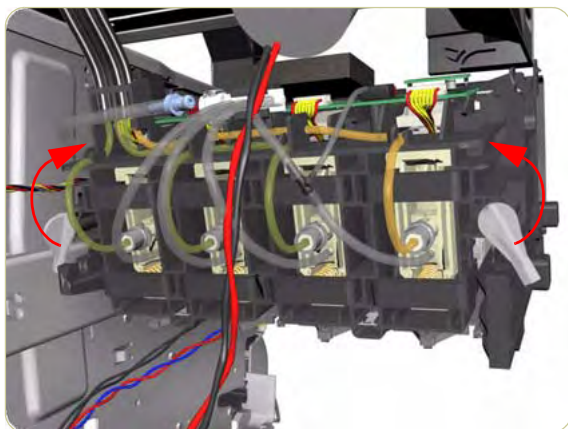
1. Remove the Left Cover ⇒ Page 8-4.
2. Remove the Left Connector Cover ⇒ Page 8-19.
3. Disconnect the Electrical Cable from the rear of the Ink Cartridge Tube Connector.

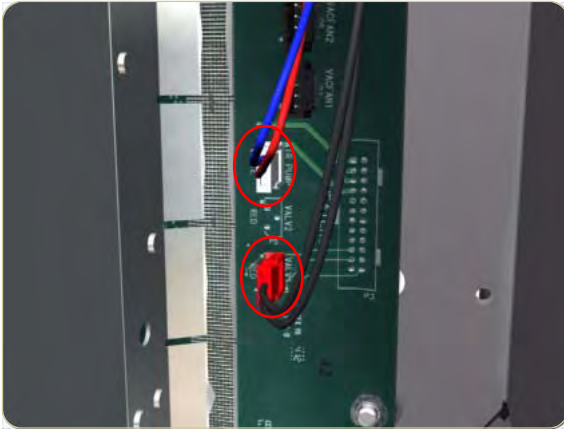


4. Disconnect the Air Tube from the Ink Supply Tubes.

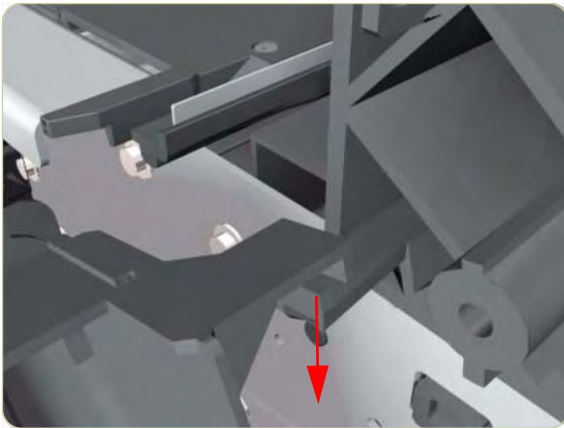


5. Twist the 2 latches at the rear of the Ink Cartridge Tube Connector and release the complete assembly.

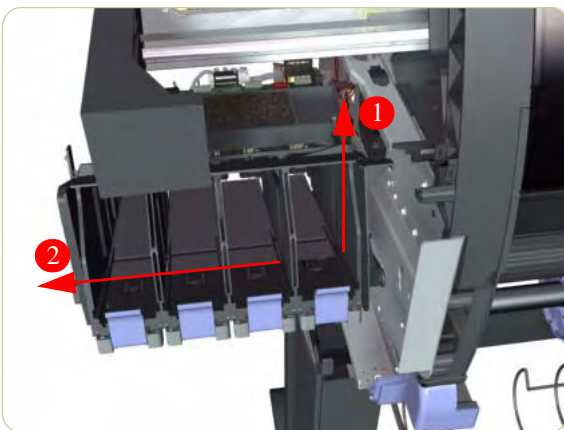




6. Disconnect the two Ink Supply Station cables from the PrintMech PCA.



7. Release the Ink Supply Station from the Chassis.

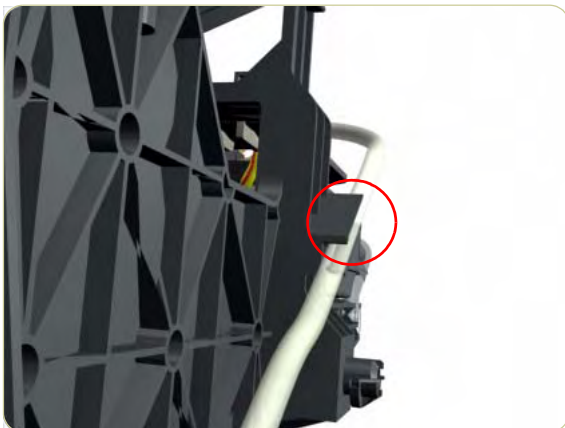


8. Remove the Ink Supply Station from the Printer.

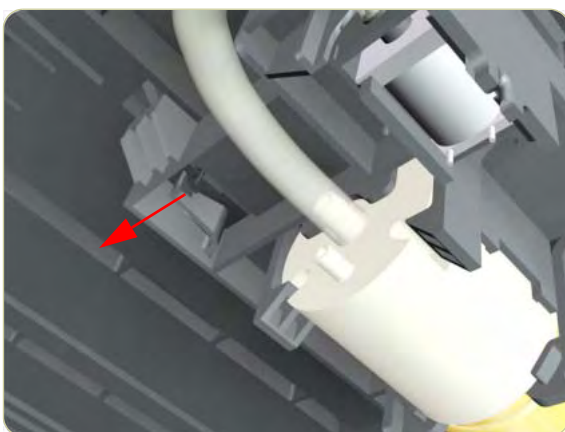
APS Assembly

Removal

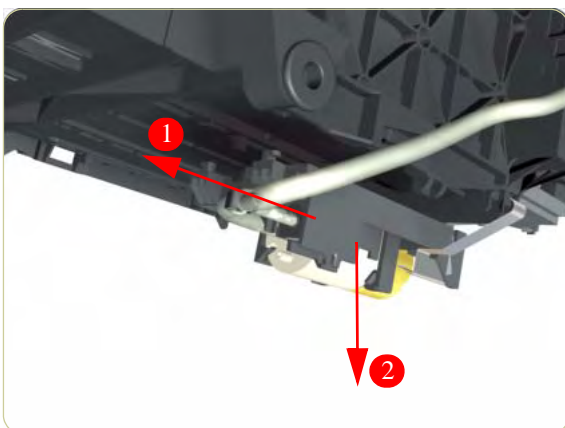
1. Remove the Left Cover ⇒ Page 8-4.
2. Remove the Left Connector Cover ⇒ Page 8-19.
3. Remove the ISS ⇒ Page 8-40.
4. Release the Air Tube from the Slot in the Ink Supply Station.



5. Unclip the APS Assembly from the Ink Supply Station.



6. Remove the APS Assembly from the Ink Supply Station.



Most Left Spittoons

Removal

Switch off the product and remove the power cable.

1. Remove the Left Cover ⇒ Page 8-9.
2. Remove one T-15 screw (**Type G**) that secures the Most Left Spittoons to the Ink Supply Station.

Use a Screwdriver with a small head so that the screw can be removed easily.



3. Remove the Most Left Spittoons from the Printer.

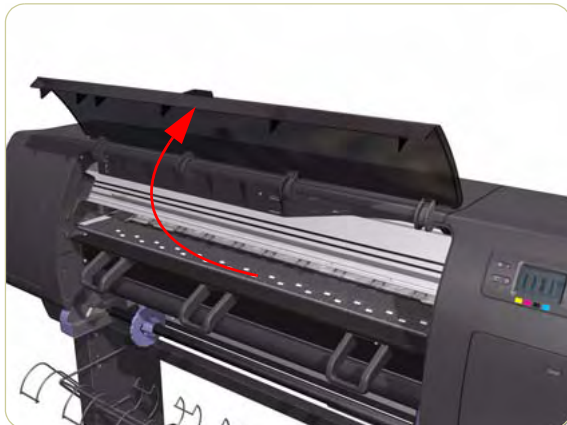
After installing the NEW Most Left Spittoons, make sure you perform the following Service Utility:

- Reset life counter most left spittoon ⇒ Chapter 4.

Middle Left Spittoons

Removal

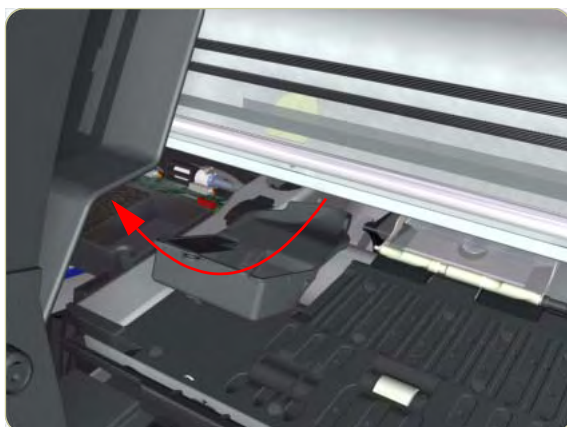
Switch off the product and remove the power cable.



1. Open the Window.



2. Remove one T-10 screw (**Type C**) that secures the Middle Left Spittoons.



3. Remove the Middle Left Spittoons from the Printer.

After installing the NEW Middle Left Spittoons, make sure you perform the following Service Utility:

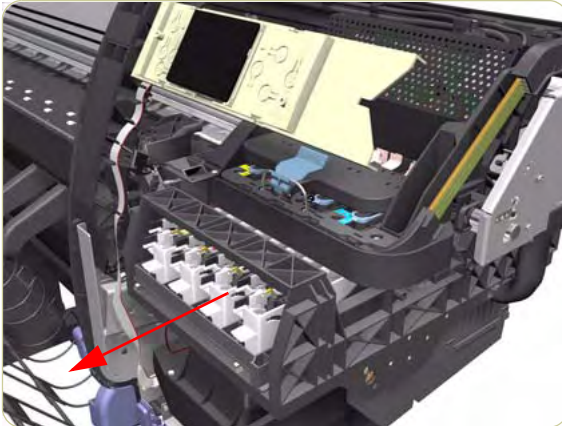
- Reset life counter mid left spittoon ⇒ Chapter 4.

Encoder Strip and Encoder Sensor

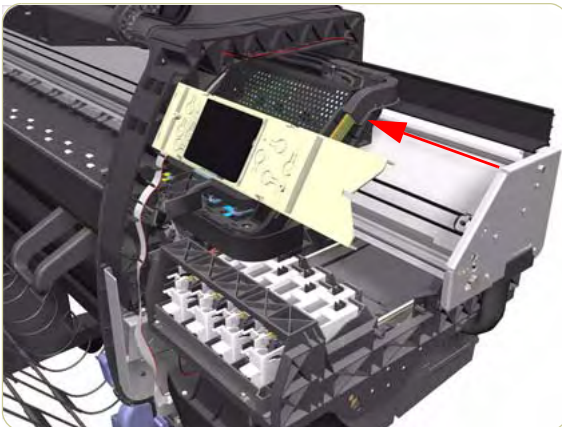
Removal

Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Uncap the Carriage Assembly by manually pulling out the Printhead Cleaner tray.

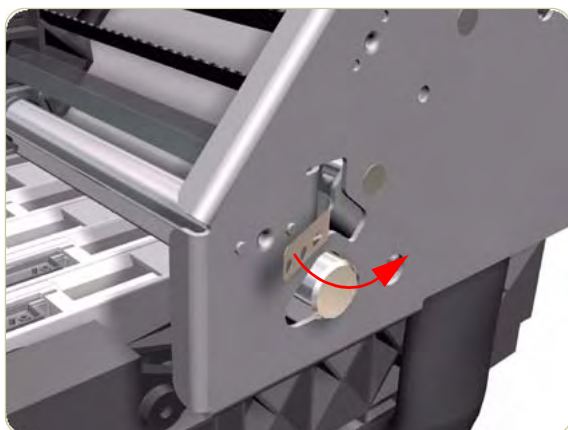


4. Move the Carriage Assembly out of the Service Station.

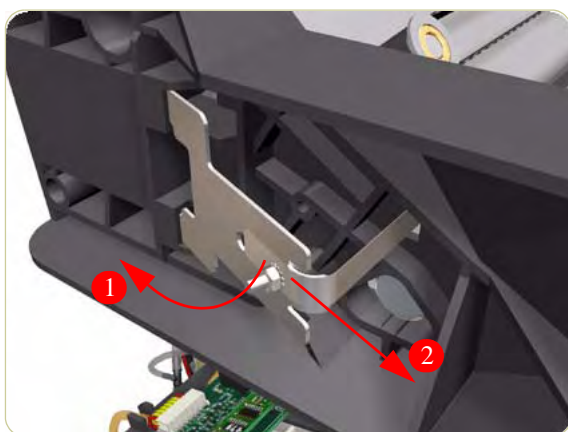


5. Remove one T-10 screw (**Type I**) that secures the Encoder Strip on the right hand side of the Printer.

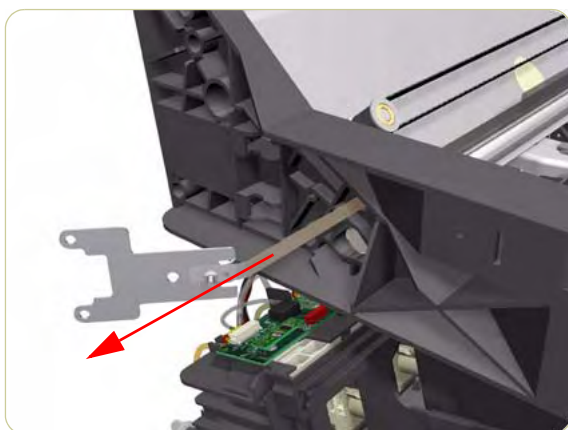




- 6.** Release the Encoder Strip from the locating pins on the right hand side of the Printer.



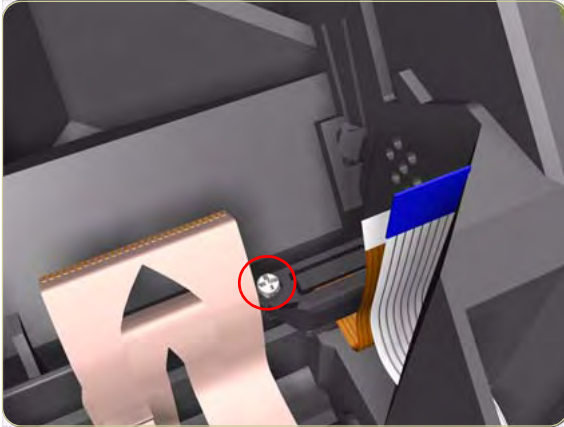
- 7.** Release the Spring Clip from the Bracket on the left hand side of the Printer.



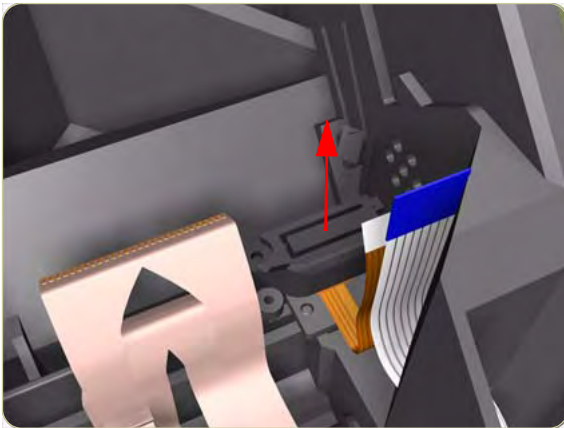
- 8.** Pull the Encoder Strip out of the left hand side of the Printer.

- 9.** Remove the Carriage PCA ⇒ Page 8-48.

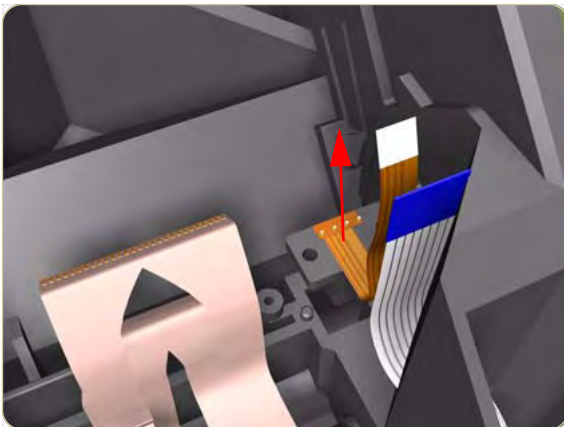
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10. Remove one T-8 (**Type L**) screw that secures the Encoder Sensor to the Carriage Assembly.



11. Remove the plastic cover from the Encoder Sensor.



12. Remove the Encoder Sensor from the Printer.

After installing the NEW Encoder Strip and Encoder Sensor, make sure you perform the following Service Calibration:

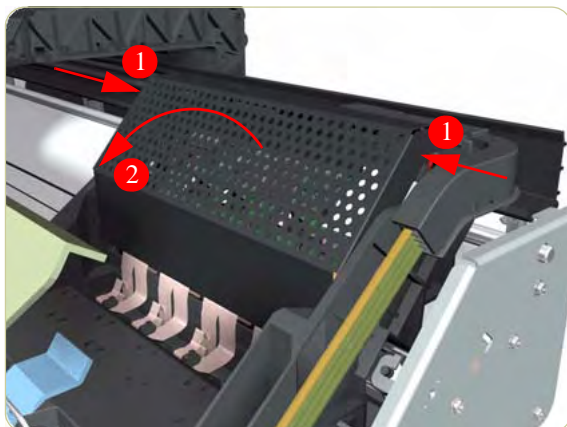
- Scan-Axis Calibration ⇒ Chapter 5.

Carriage PCA

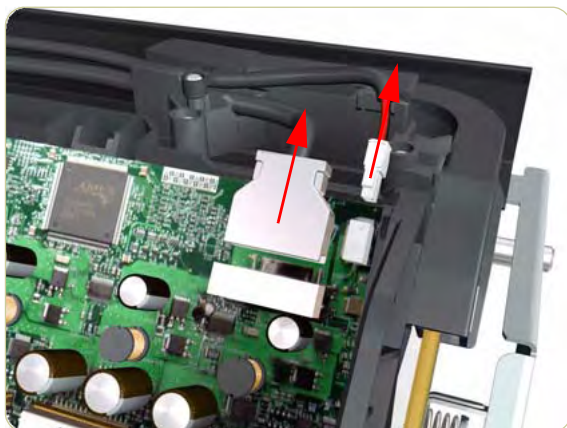
Removal

Switch off the product and remove the power cable.

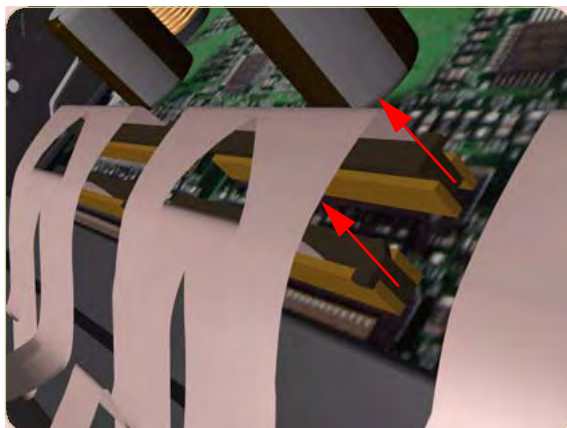
1. Remove the Right Cover ⇒ Page 8-6.
2. Press the two side of the Carriage PCA Cover and unclip from the Carriage Assembly.



3. Disconnect the Trailing Cable from the Carriage PCA.

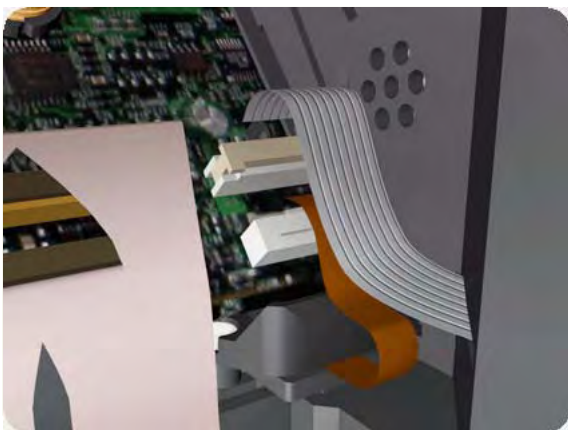


4. Release the ALL the clips, securing the Carriage Flex Cables to the Carriage PCA, by pulling upwards.

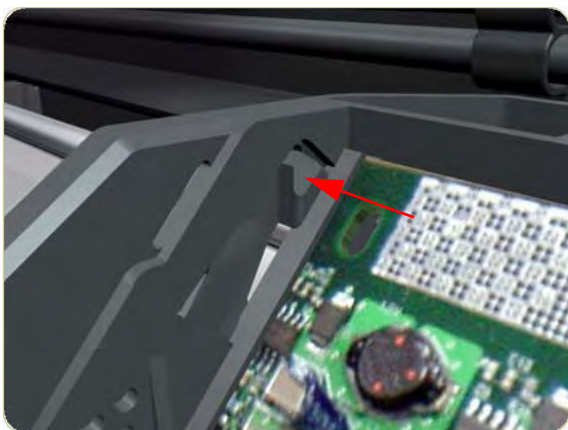




- 5.** Disconnect the Flex Cables from the Carriage PCA.



- 6.** Disconnect the Line Sensor Cable and the Encoder Sensor Cable from the Carriage PCA.



- 7.** Push inwards the four clips that secure the Carriage PCA.



8. Remove the Carriage PCA from the Printer.

Once you have installed a NEW Carriage PCA, you MUST perform the following steps to ensure that the Printer will function correctly:

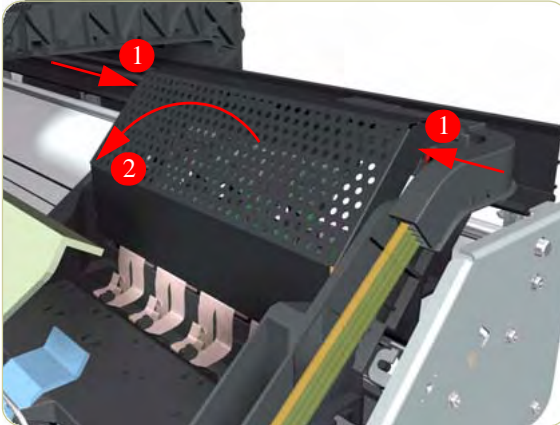
1. Power ON the Printer.
2. Execute the "Carriage Setup" Utility from the Service Utility Menu (Refer to Chapter 4 for more information).
3. Install the Printheads once the Utility has been completed successfully.
4. Reset life counter Carriage PCA ⇒ Chapter 4.

Carriage Flex Cables

Removal

Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Press the two side of the Carriage PCA Cover and unclip from the Carriage Assembly.



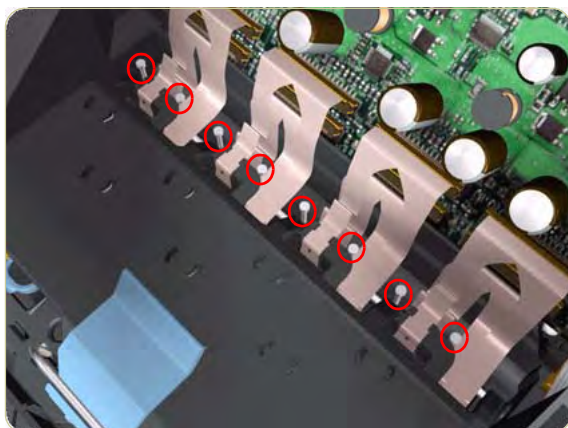
3. Release the ALL the clips, securing the Carriage Flex Cables to the Carriage Assembly, by pulling upwards.



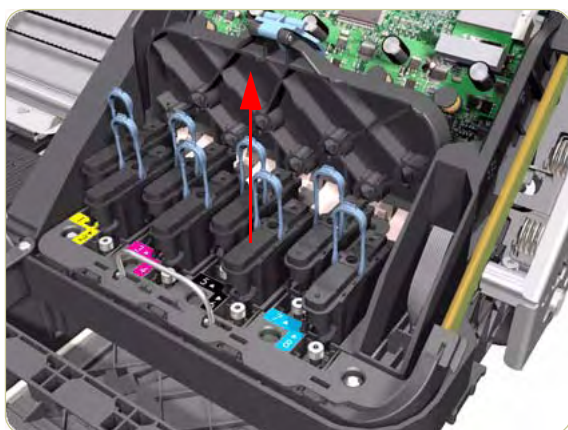
4. Disconnect the Flex Cables from the Carriage PCA.



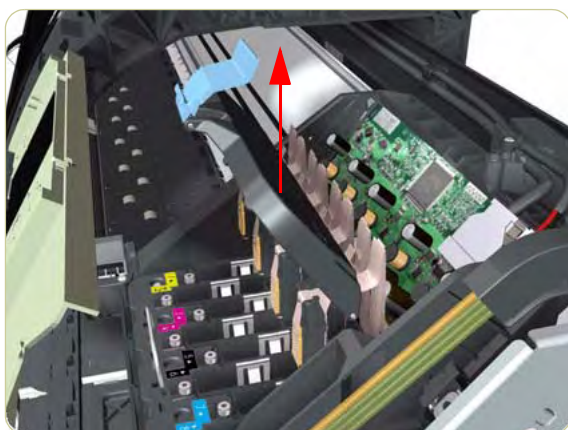
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5. Remove eight T-8 screws (**Type L**) that secure the Carriage Flex Cables to the Carriage Assembly.



6. Open the Carriage Cover and remove ALL the Printheads from the Carriage Assembly.



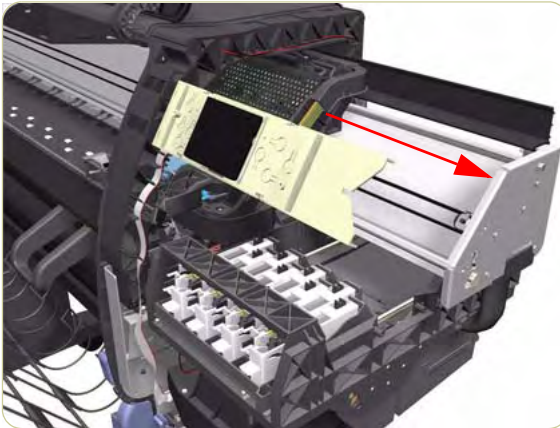
7. Remove the Carriage Flex Cable from the Printer.

Carriage Assembly

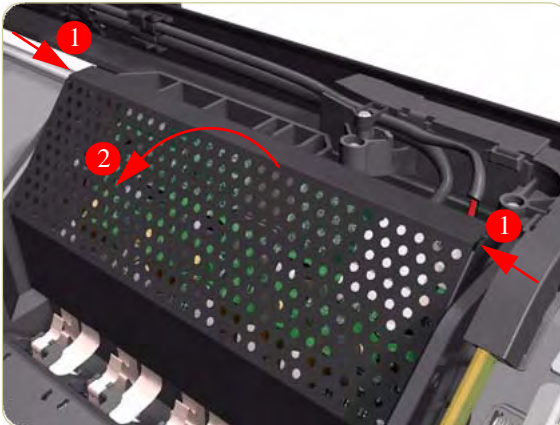
Removal

Switch off the product and remove the power cable.

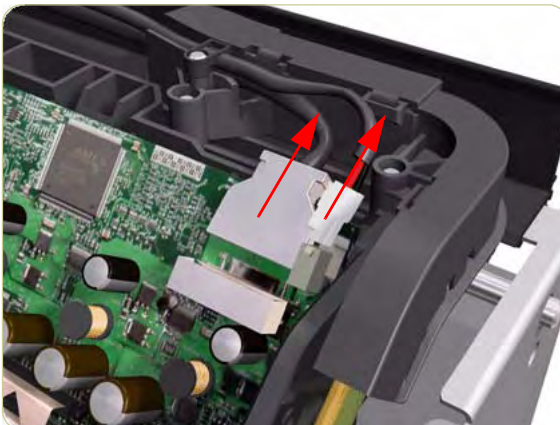
1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Remove the Encoder Strip ⇒ Page 8-45.
4. Move the Carriage Assembly to the extreme right of the Printer.

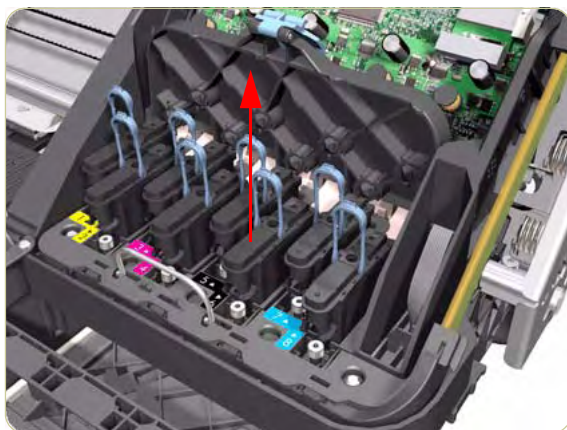


5. Press the two side of the Carriage PCA Cover and unclip from the Carriage Assembly.

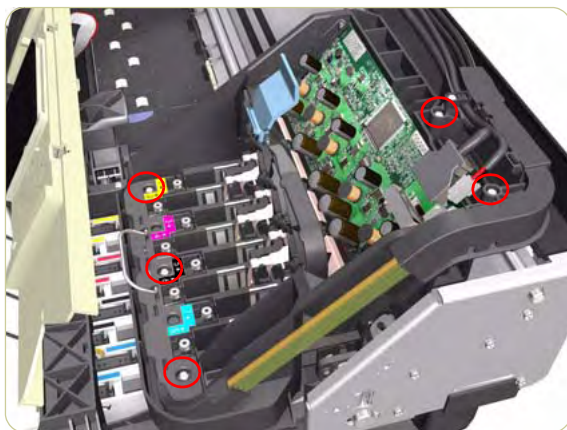


6. Disconnect the Trailing Cable from the Carriage PCA.

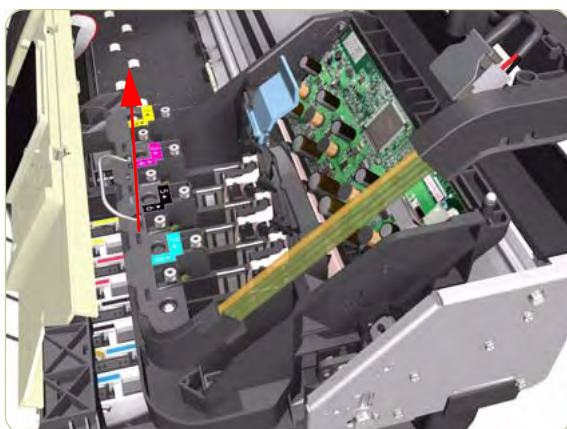




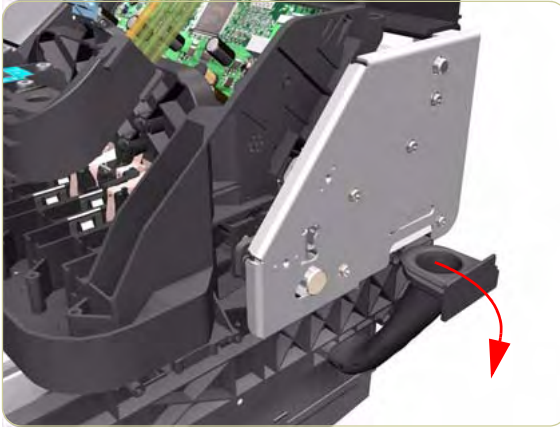
7. Open the Carriage Cover and remove ALL the Printheads from the Carriage Assembly.



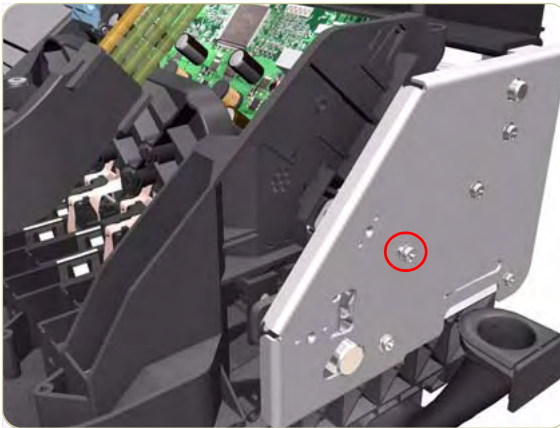
8. Remove five T-15 screws (**Type G**) that secure the Ink Supply Tubes to the Carriage Assembly.



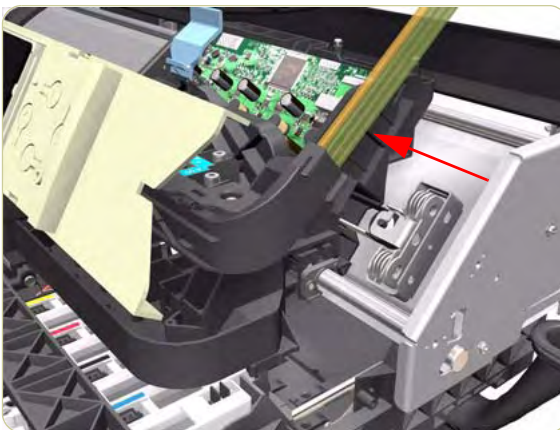
9. Remove the Ink Supply Tubes from the Carriage Assembly and safely place to one side of the Printer.



10. Disconnect the Aerosol Fan Tube from the Chassis.



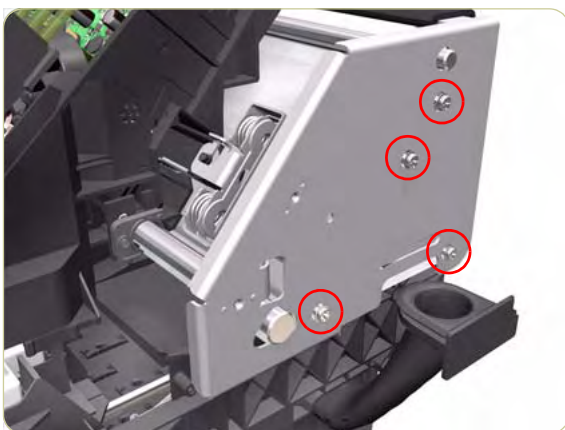
11. Remove one T-15 screw (**Type A**) that secures the Belt Tensioner to the Chassis.



12. Move the Carriage Assembly slightly away from the right Scan-Axis Bracket.

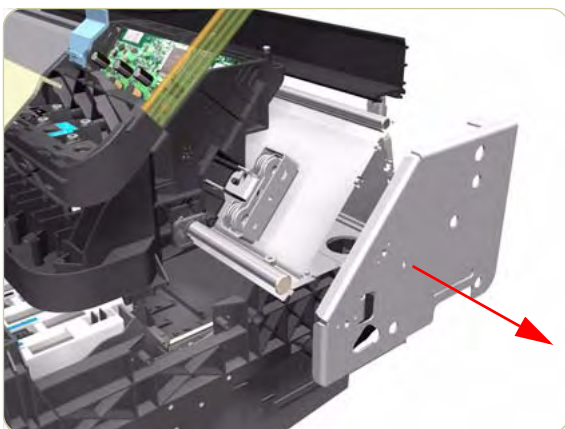


- 13.** Release the Carriage Belt from the Scan-Axis Motor on the left hand side of the Printer.

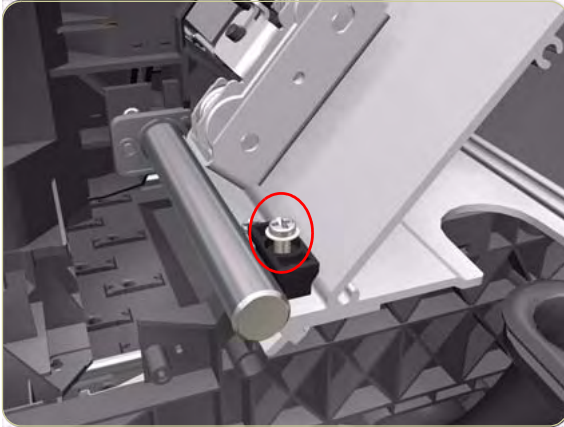


- 14.** Remove four T-20 screws (**Type N**) that secure the right Scan-Axis Bracket.

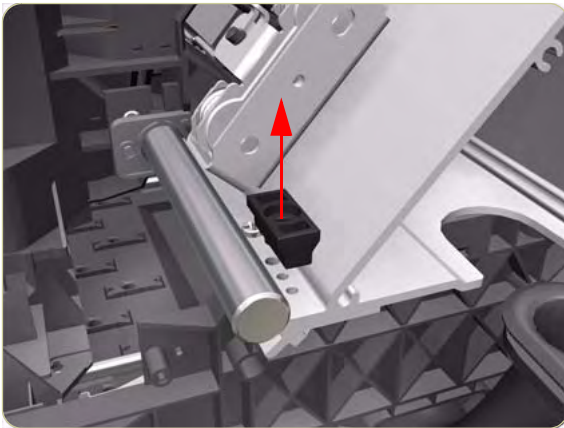
Note that these are Chassis screws and in normal circumstances should NEVER be removed, but in this case we need to remove them in order to remove the Carriage Assembly.



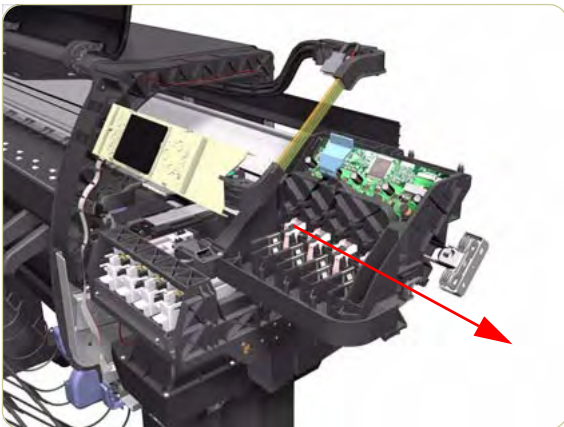
- 15.** Remove the right Scan-Axis Bracket from the Printer.



16. Remove the Carriage Stopper Screw (T-25) from the Chassis.



17. Remove the Carriage Stopper from the Printer.



18. Slide the Carriage Assembly (including the belt) to the right and out of the Printer.
19. If the Carriage Assembly is to be replaced, make sure that you remove the Belt, the Carriage PCA, Encoder and Line Sensors and the Cutter Assembly (in order to install them on the new Carriage Assembly).

After installing the NEW Carriage Assembly, make sure you perform the following Service Utility:

- Reset life counter Carriage ME ⇒ Chapter 4.

After installing the NEW Carriage Assembly, make sure you perform the following Service Calibrations:

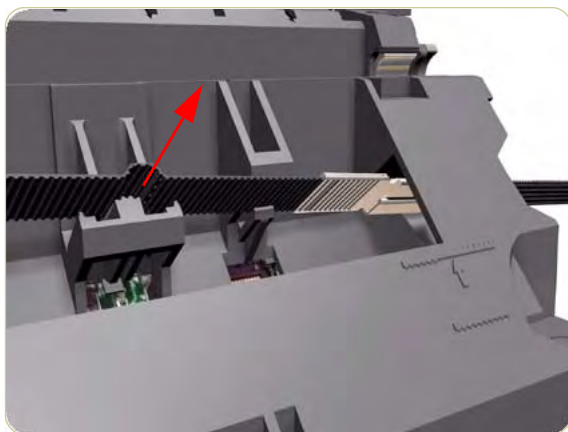
- Scan-Axis Calibration ⇒ Chapter 5.
- Service Station Calibration ⇒ Chapter 5.
- Line Sensor Calibration ⇒ Chapter 5.

Belt Assembly

Removal

Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Remove the Top Cover ⇒ Page 8-11.
4. Remove the Encoder Strip ⇒ Page 8-45.
5. Remove the Carriage Assembly ⇒ Page 8-53.
6. Release the Belt from the bottom of the Carriage Assembly.



After installing the NEW Belt Assembly, make sure you perform the following Service Utility:

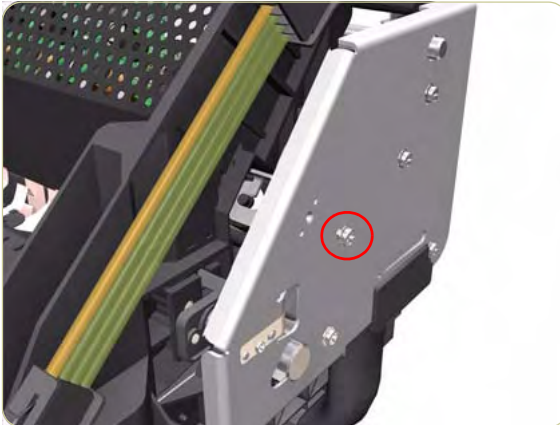
- Reset life counter scan cycles belt ⇒ Chapter 4.

Scan-Axis Motor

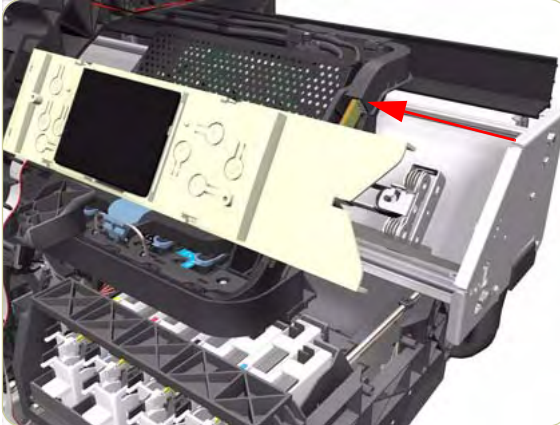
Removal

Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Remove the Rear Door ⇒ Page 8-16.
4. Remove the Left Connector Cover ⇒ Page 8-19
5. Remove one T-15 screw that secures the Belt Tensioner to the Chassis.

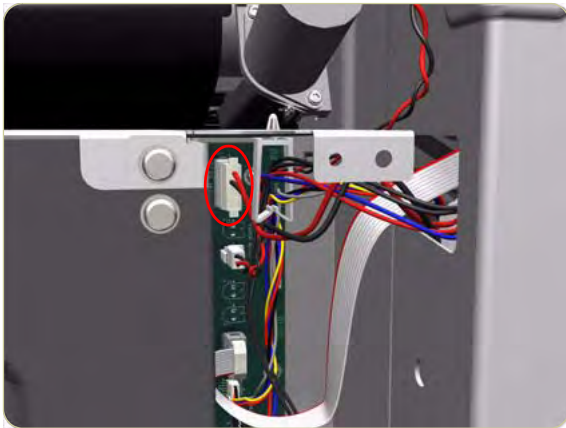


6. Move the Carriage Assembly slightly away from the right Scan-Axis Bracket.

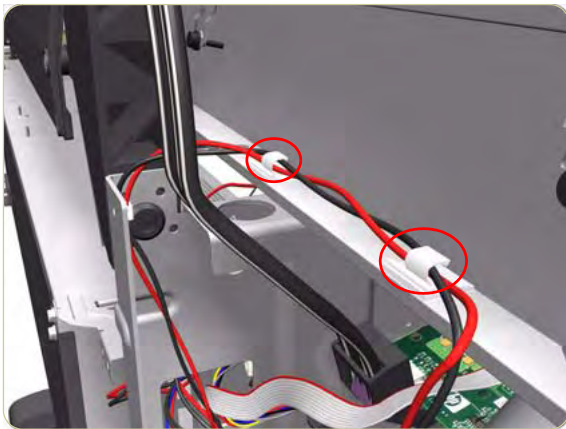




- 7.** Release the Carriage Belt from the Scan-Axis Motor on the left hand side of the Printer.

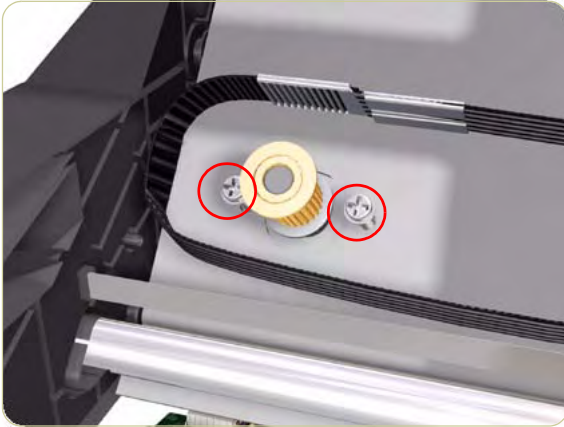


- 8.** Disconnect the Scan-Axis Motor cable from the PrintMech PCA.



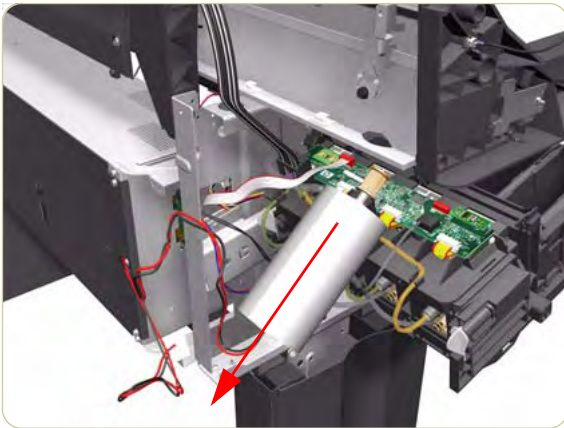
- 9.** Release the Scan-Axis Motor cable from the clips on the chassis.

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10. Remove two T-20 screws (**Type A**) that secure the Scan-Axis Motor.

Make sure you hold the Scan-Axis Motor securely when removing the screws.



11. Remove the Scan-Axis Motor from the Printer.

After installing the NEW Scan-Axis Motor, make sure you perform the following Service Utility:

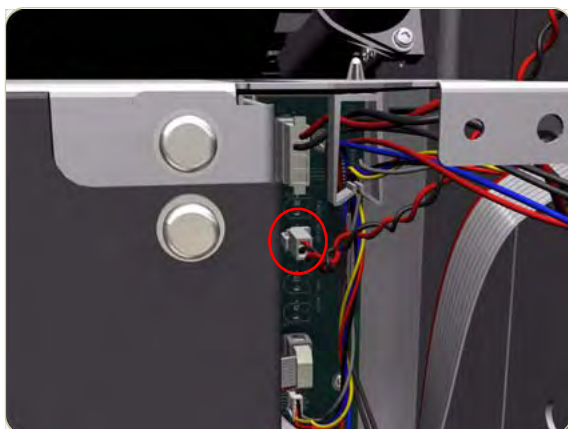
- Reset life counter scan motor ⇒ Chapter 4.

Media-Axis Motor

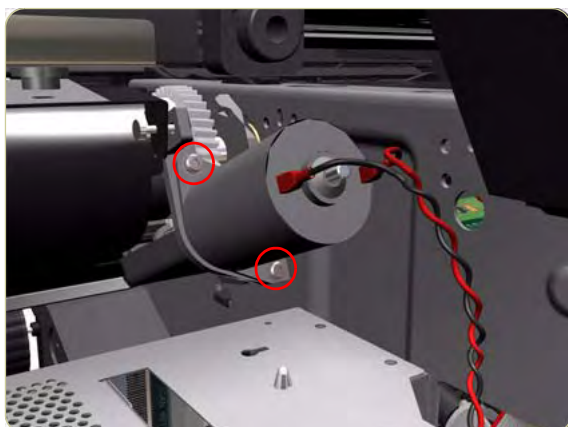
Removal

Switch off the product and remove the power cable.

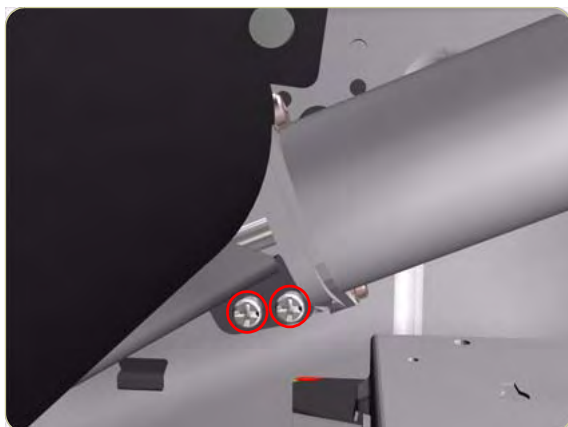
1. Remove the Rear Door ⇒ Page 8-16.
2. Remove the Left Connector Cover ⇒ Page 8-19.
3. Disconnect the Media-Axis Motor cable from the PrintMech PCA.

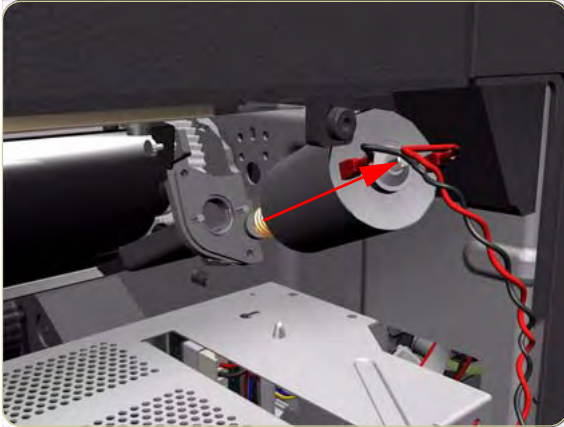


4. Remove two T-15 screws (**Type R**) that secure the Media-Axis Motor.



5. Loosen two T-20 screws (**Type B**) that secure the Media-Axis Motor Bracket.





6. Remove the Media-Axis Motor from the Printer.

When reinstalling the parts, make sure you apply the grease (included with the support part) to the gears.

After installing the NEW Media-Axis Motor, make sure you perform the following Service Calibration:

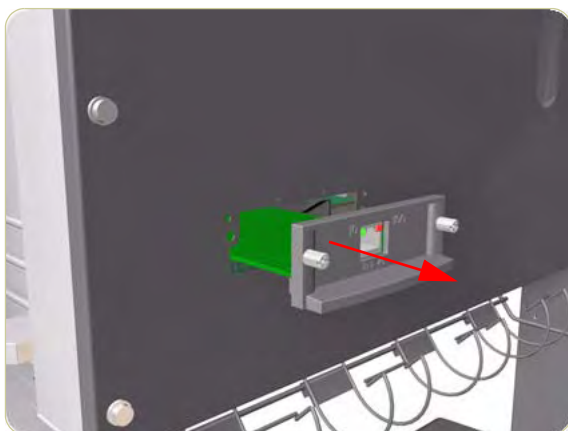
- Paper Advance Calibration ⇒ Chapter 5.

Interconnect PCA

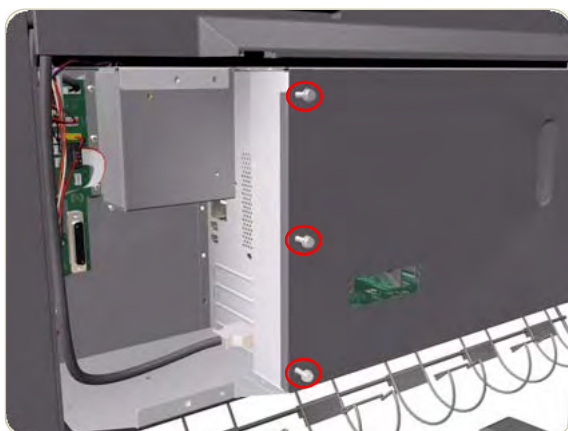
Removal

Switch off the product and remove the power cable.

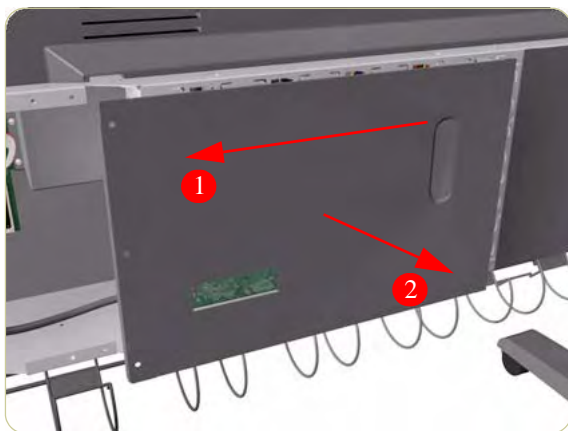
1. Remove the Rear Door ⇒ Page 8-16.
2. Remove the Left Connector Cover ⇒ Page 8-19.
3. Remove the JetDirect Card (if installed).

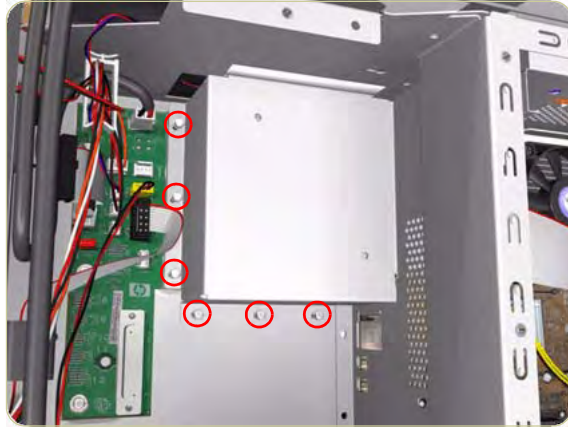


4. Remove three T-15 screws (**Type A**) that secure the Main PCA cover.

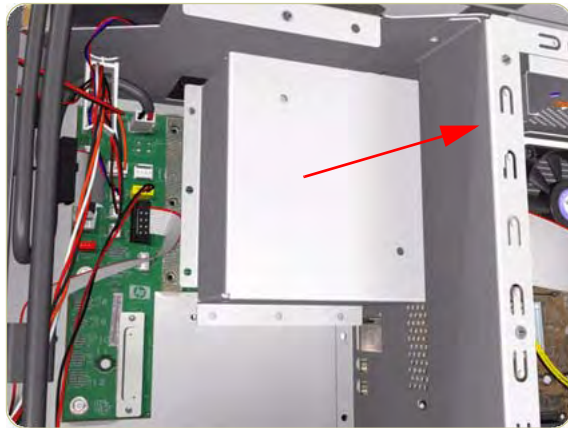


5. Remove the Main PCA Cover from the Printer.

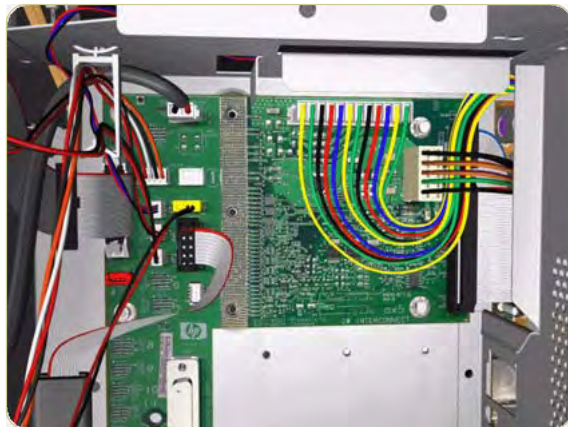




6. Remove six T-10 screws (**Type I**) that secure the Interconnect PCA Cover.

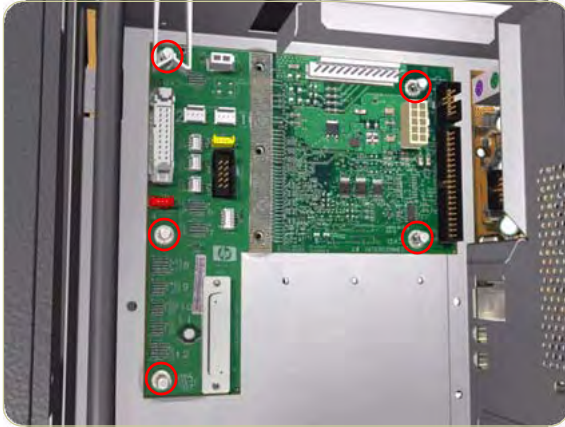


7. Remove the Interconnect PCA Cover from the Printer.

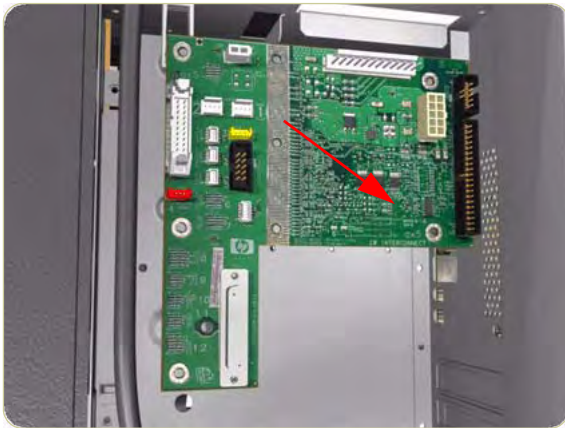


8. Disconnect ALL cables from the Interconnect PCA.

I



9. Remove five T-10 screws (**Type I**) that secure the Interconnect PCA.

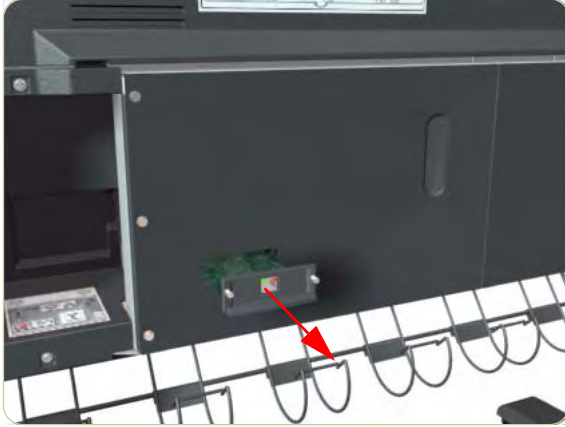


10. Remove the Interconnect PCA from the Printer.

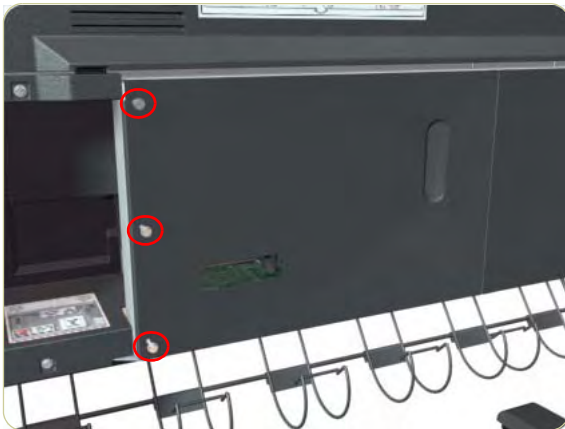
EIO to PCA Interface Card

Removal

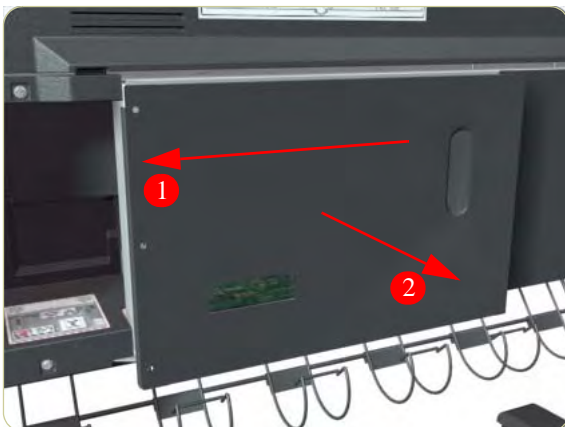
Switch off the product and remove the power cable.



1. Remove the JetDirect Card (if installed).

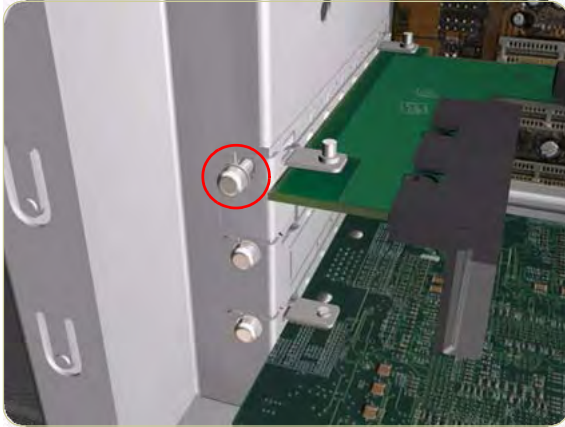


2. Remove three T-15 screws (**Type A**) that secure the Main PCA cover.

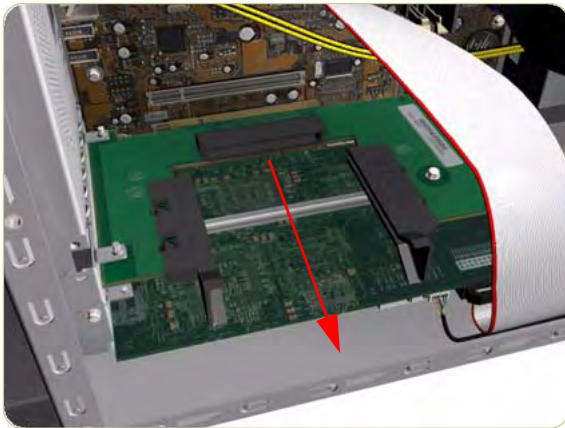


3. Remove the Main PCA Cover from the Printer.

I



4. Remove one T-10 screw (**Type I**) that secures the Interface Card.



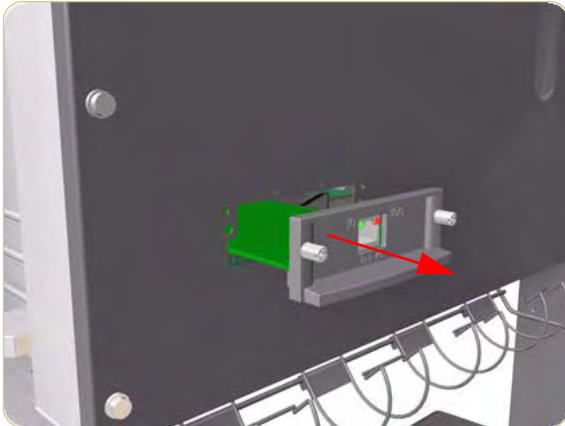
5. Disconnect the Interface Card from the Main PCA and remove from the Printer.

Gamut PCI PCA

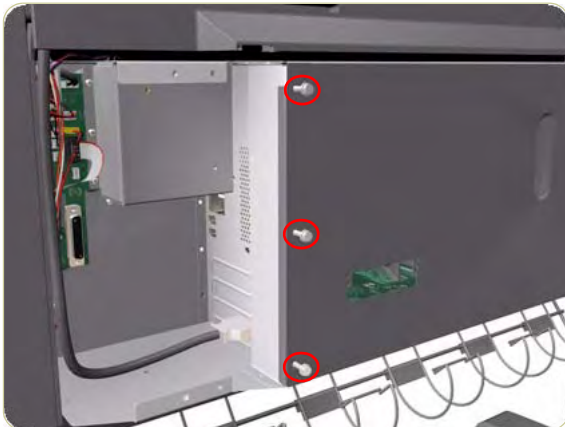
Removal

Switch off the product and remove the power cable.

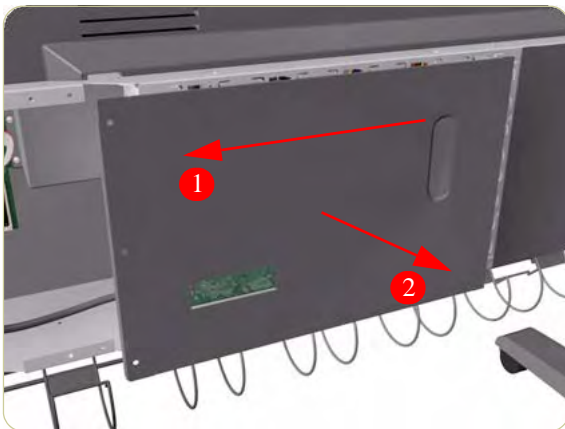
1. Remove the Rear Door ⇒ Page 8-16.
2. Remove the Left Connector Cover ⇒ Page 8-19.
3. Remove the JetDirect Card (if installed).



4. Remove three T-15 screws (**Type A**) that secure the Main PCA cover.

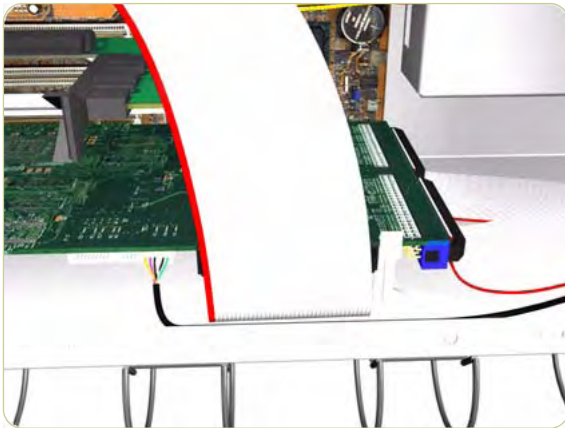


5. Remove the Main PCA Cover from the Printer.





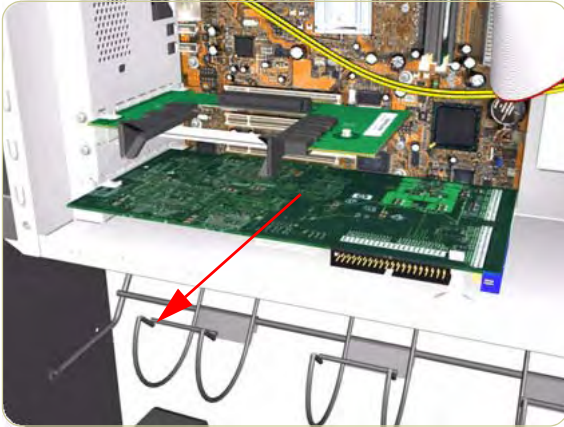
6. Disconnect the Trailing Cable from the Gamut PCI PCA.



7. Disconnect ALL cables connected to the Gamut PCI PCA



8. Remove one T-10 screw (**Type I**) that secures the Gamut PCI PCA.



9. Disconnect the Gamut PCI PCA from the Main PCA and remove from the Printer.

Memory Module

Removal

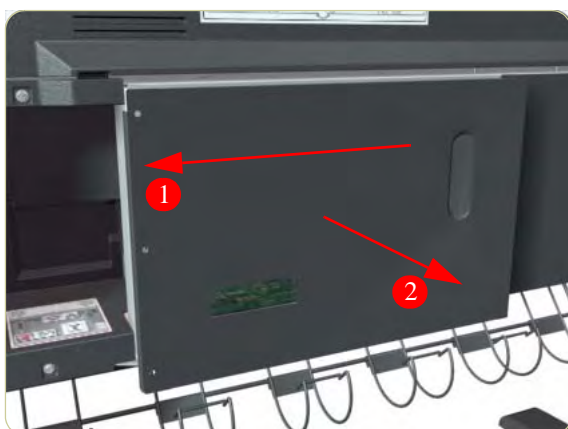
Switch off the product and remove the power cable.



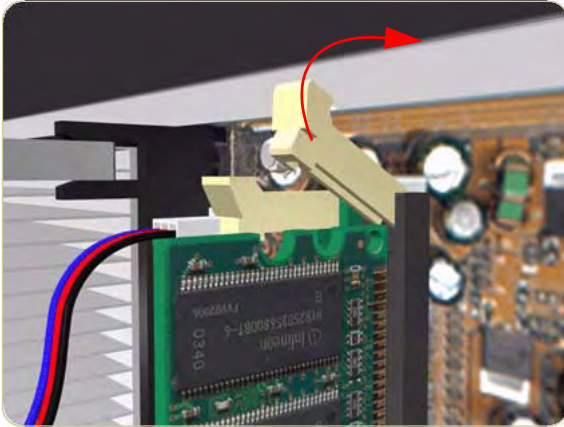
1. Remove the JetDirect Card (if installed).



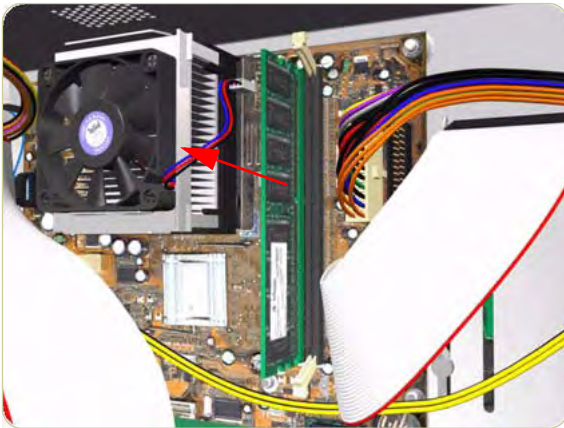
2. Remove three T-15 screws (**Type A**) that secure the Main PCA cover.



3. Remove the Main PCA Cover from the Printer.



4. Push the Memory Module Connector clips up and down to release the Memory Module.



5. Remove the Memory Module from the Printer.

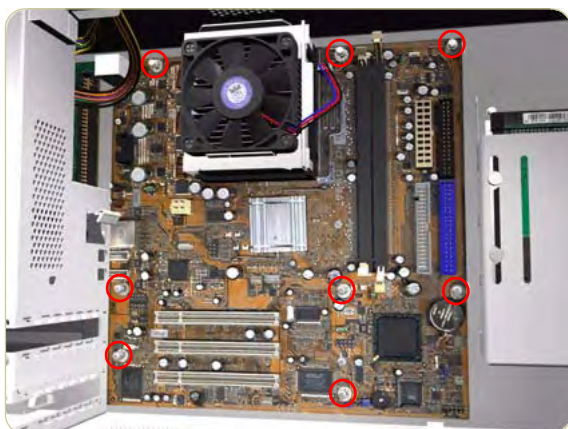
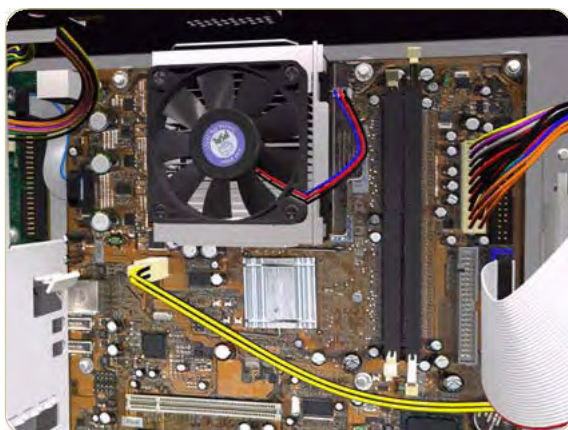
Main PCA Formatter

Removal

Switch off the product and remove the power cable.

Do NOT remove the Fan or the Processor (located under the Fan) from the Main PCA Formatter - The Fan and the Processor are part of the Main PCA Formatter support part and should be replaced as one assembly.

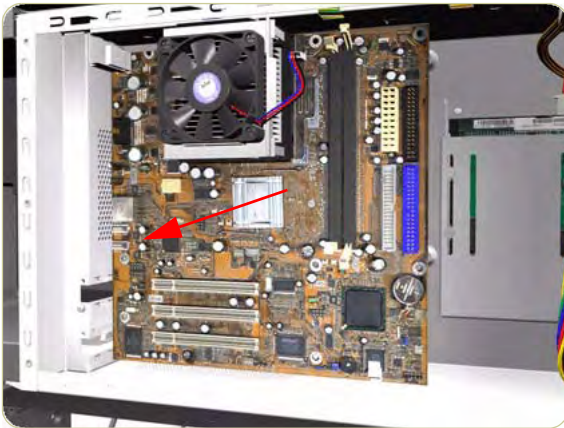
1. Remove the EIO to PCI Interface Card ⇒ Page 8-67.
2. Remove the Gamut PCI PCA ⇒ Page 8-69.
3. Remove the Memory Module ⇒ Page 8-72.
4. Disconnect ALL cables connected to the Main PCA Formatter.



5. Remove eight T-10 screws (**Type I**) that secure the Main PCA Formatter.



6. Release the plastic locating pin that secures the Main PCA Formatter.



7. Remove the Main PCA Formatter from the Printer.

When installing the Main PCA Formatter, make sure that you first locate it on the plastic locating pin and then install the screws.

Hard Disk Drive (HDD)

Removal

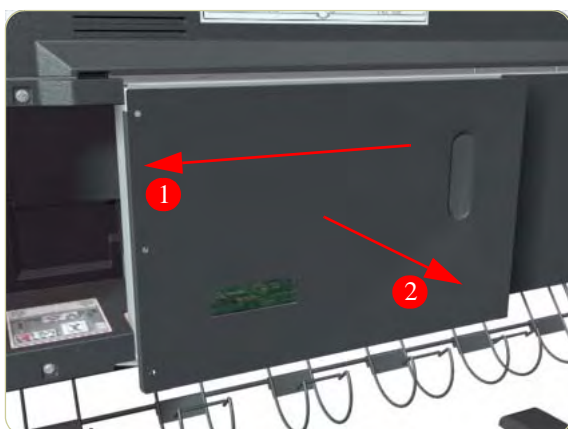
Switch off the product and remove the power cable.



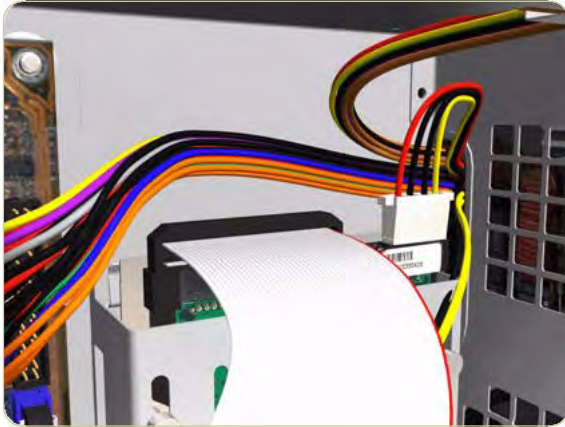
1. Remove the JetDirect Card (if installed).



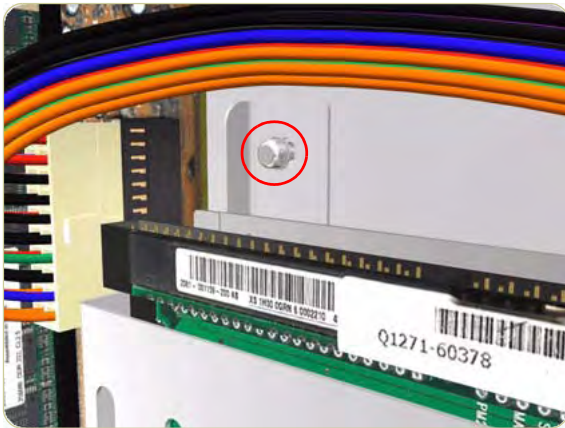
2. Remove three T-15 screws (**Type A**) that secure the Main PCA cover.



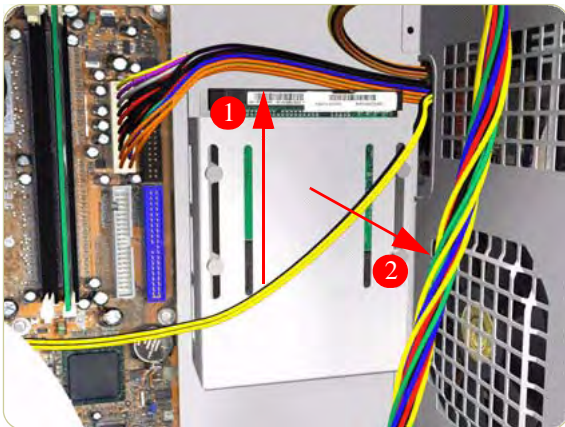
3. Remove the Main PCA Cover from the Printer.



4. Disconnect ALL cables connected to the Hard Disk Drive.



5. Remove one T-10 screw (**Type I**) from the HDD Holder.



6. Slide the Hard Disk Drive upwards and remove from the Printer.

It is not necessary to remove the screws securing the HDD inside the metal casing.

After installing the NEW HDD, make sure you perform the following User Calibrations:

- Printhead Alignment.
- Paper Advance Calibration.
- Color Calibration.

After installing the NEW HDD, make sure you perform the following Service Utility:

- Carriage PCA Setup ⇒ Chapter 4.

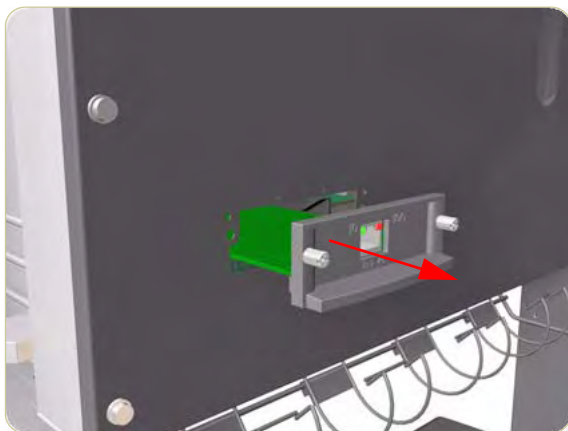
You MUST NEVER replace both the Hard Disk Drive and the Ink Supply Tubes and Trailing Cable at the same time. If both parts need to be replaced, you MUST first replace one part and then power ON the Printer until it completely initializes. Then you can power OFF the Printer and replace the other part.

Power Supply Unit (PSU)

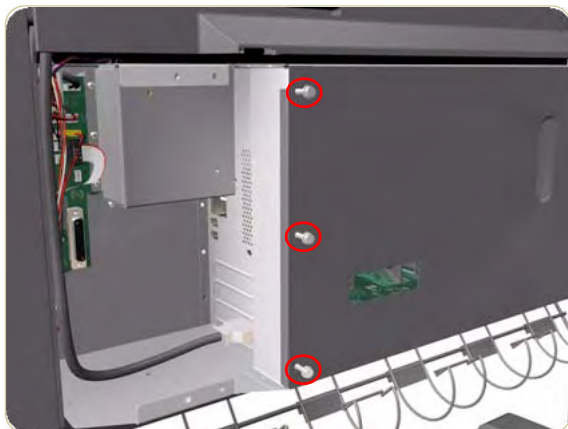
Removal

Switch off the product and remove the power cable.

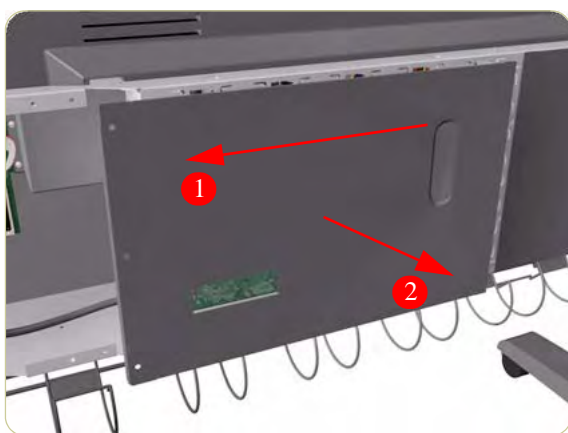
1. Remove the Right Connector Cover ⇒ Page 8-18.
2. Remove the JetDirect Card (if installed).



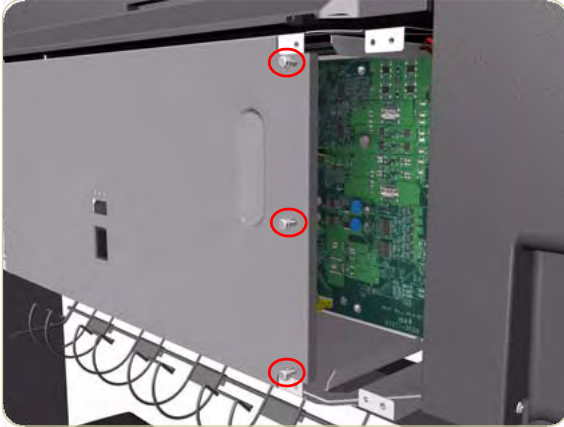
3. Remove three T-15 screws (**Type A**) that secure the Main PCA cover.



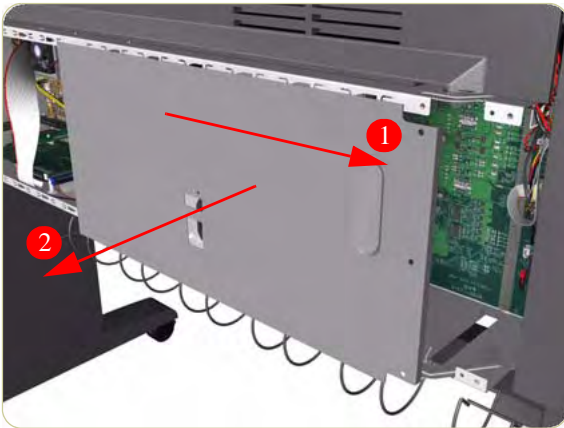
4. Remove the Main PCA Cover from the Printer.



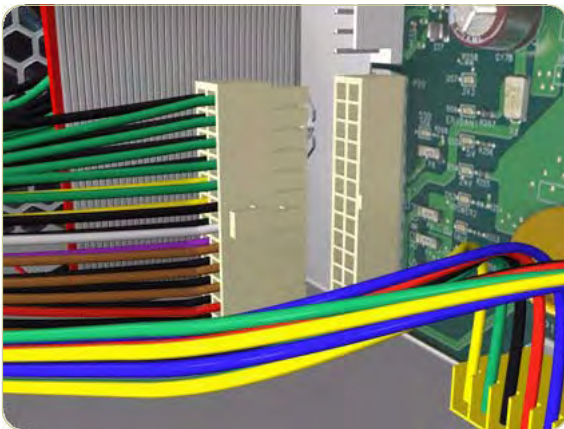
I



5. Remove three T-15 screws (**Type A**) that secure the PSU cover.

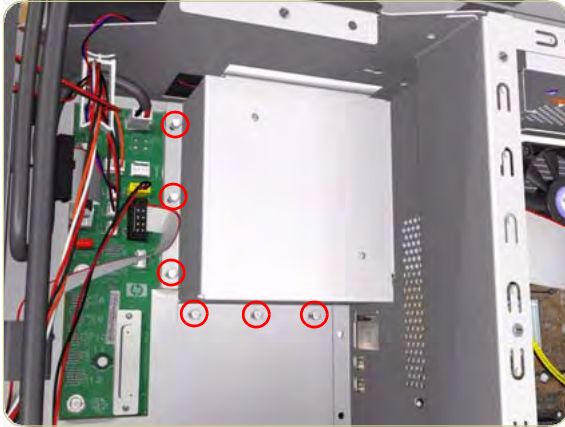


6. Remove the PSU Cover from the Printer.

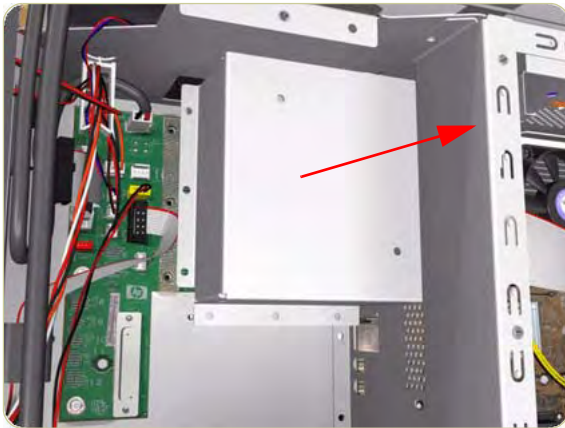


7. Disconnect the Power Supply and Interconnect cables from the PrintMech PCA.

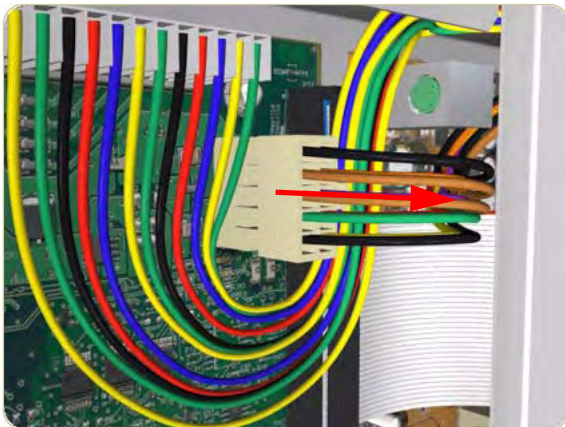
I



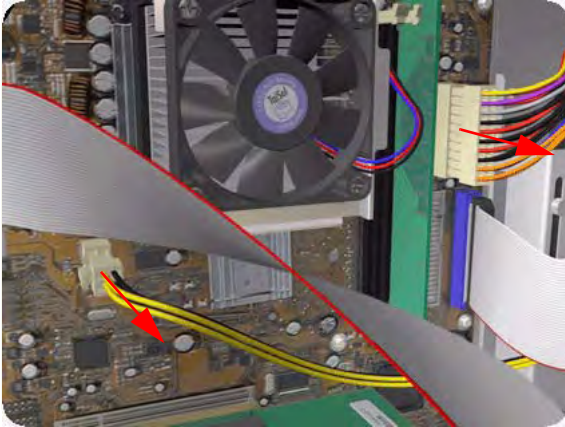
8. Remove six T-10 screws (**Type I**) that secure the Interconnect PCA Cover.



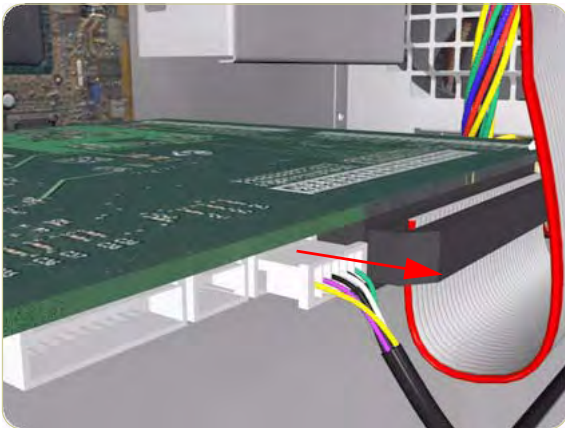
9. Remove the Interconnect PCA Cover from the Printer.



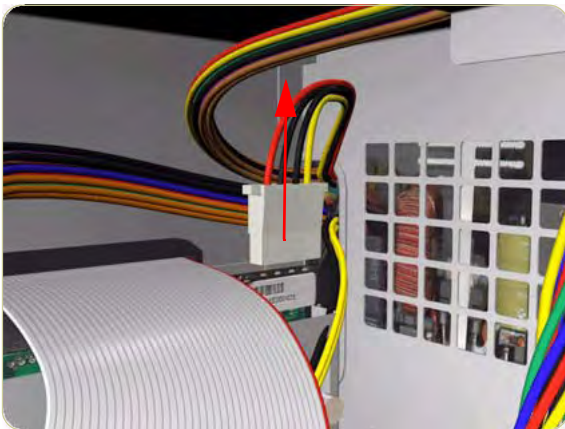
10. Disconnect one cable from the Interconnect PCA.



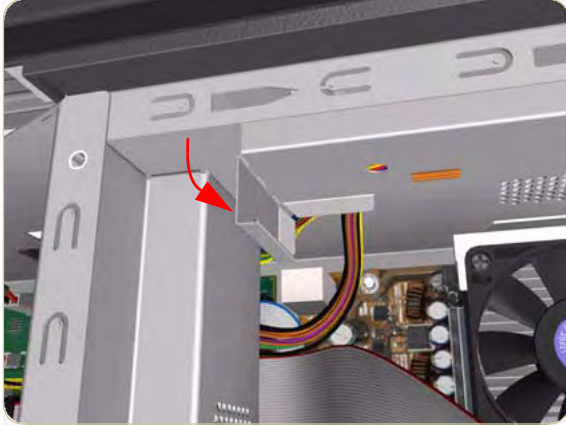
11. Disconnect two cables from the Main PCA.



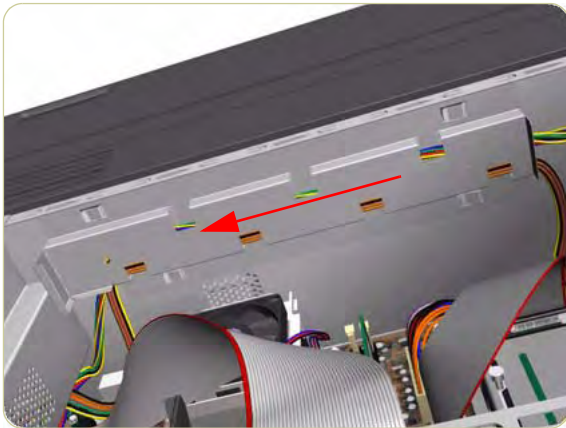
12. Disconnect one cable from the Gamut PCA.



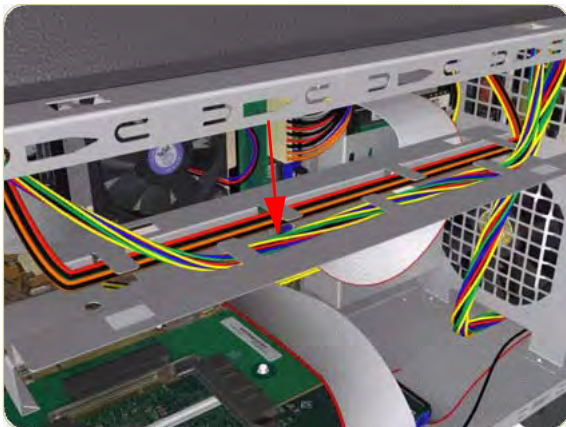
13. Disconnect one cable from Hard Disk Drive.



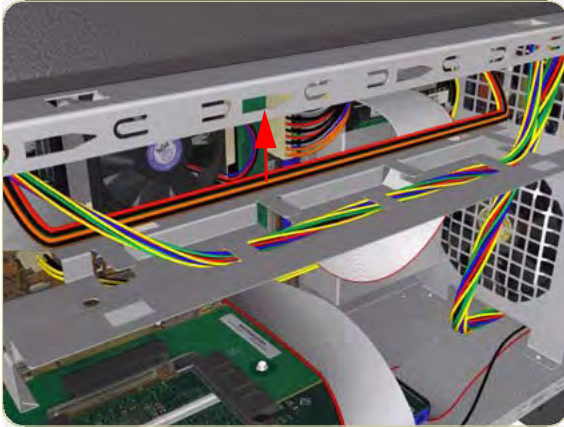
- 14.** Bend the edge of the Cable Support Bracket so that it can be released.



- 15.** Move the Cable Support Bracket to the left to release it from the Electronics Module.



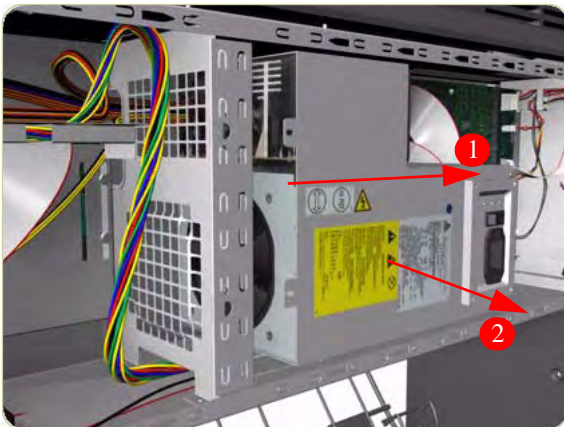
- 16.** Lower the Cable Support Bracket so that the cables can be accessed.



- 17.** Release the Power Supply Cable from the Cable Support Bracket.



- 18.** Remove four T-10 screws (**Type I**) that secure the Power Supply Unit.



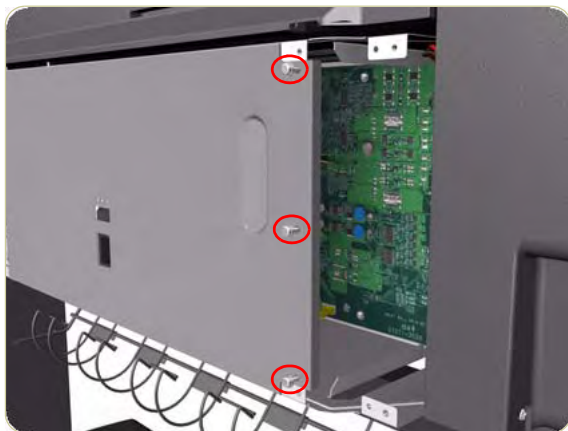
- 19.** Route the cables through the hole in the Electronics Module and remove the Power Supply Unit from the Printer.

PrintMech PCA

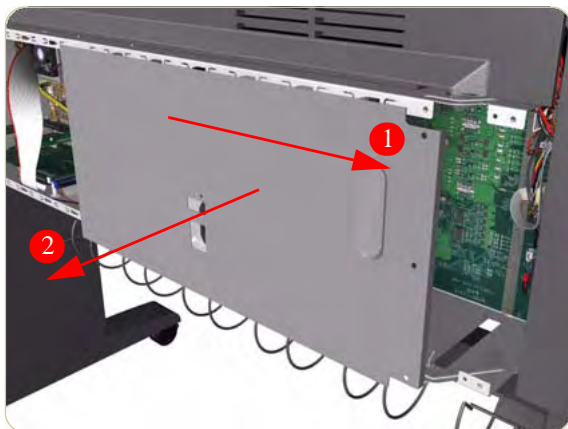
Removal

Switch off the product and remove the power cable.

1. Remove the Left Connector Cover ⇒ Page 8-19.
2. Remove three T-15 screws (**Type A**) that secure the PSU cover.

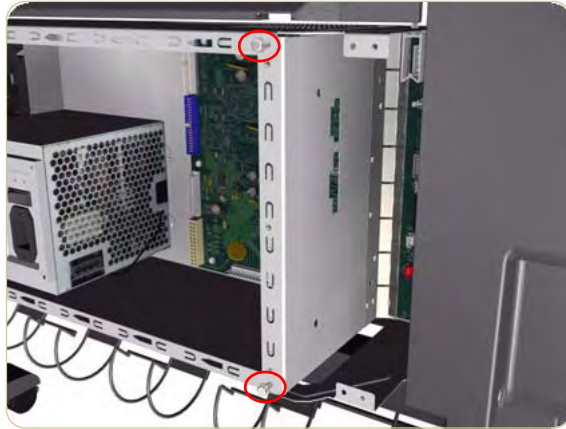


3. Remove the PSU Cover from the Printer.

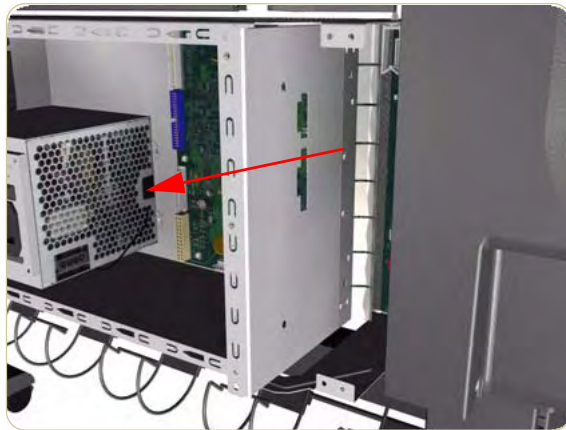


4. Disconnect ALL cables from the PrintMech PCA.

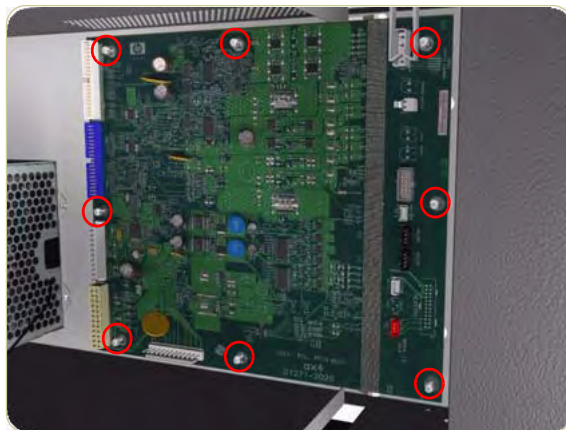




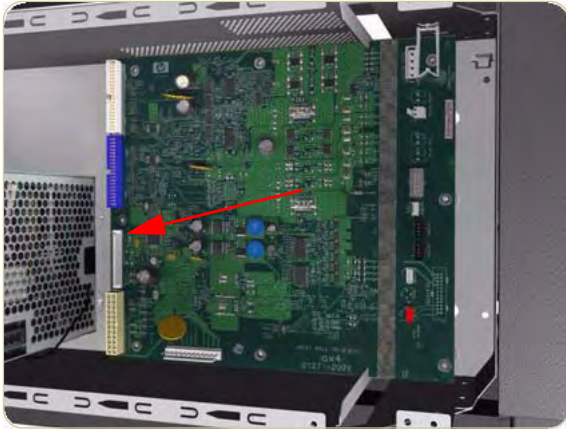
5. Remove two T-15 screws (**Type B**) that secure the PrintMech Cover.



6. Slide the PrintMech Cover out of the Printer.



7. Remove eight T-10 screws (**Type I**) that secure the PrintMech PCA.

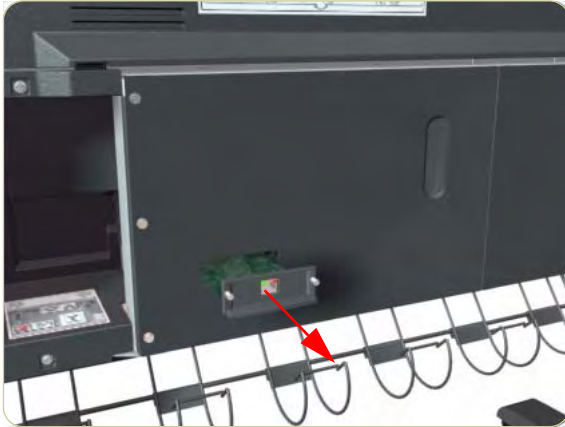


8. Remove the PrintMech PCA from the Printer.

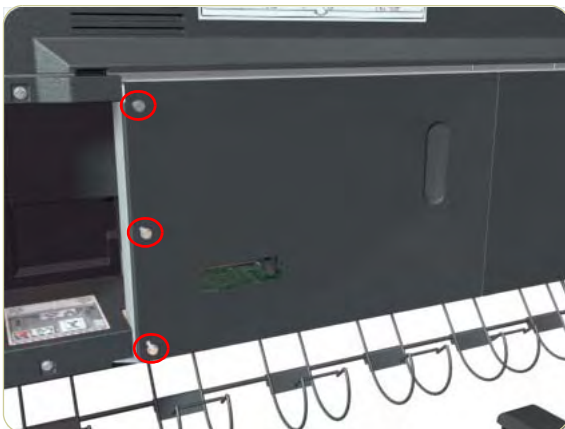
Formatter Battery

Removal

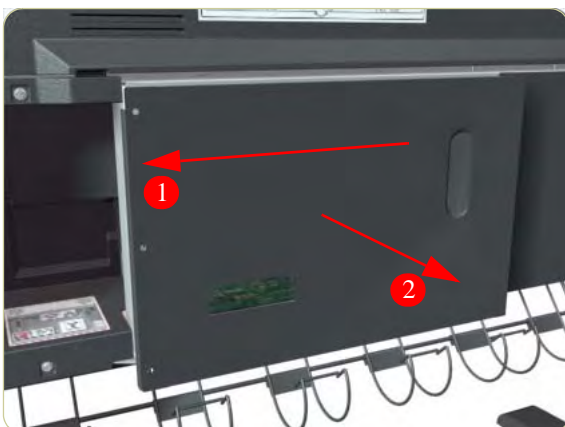
Switch off the product and remove the power cable.



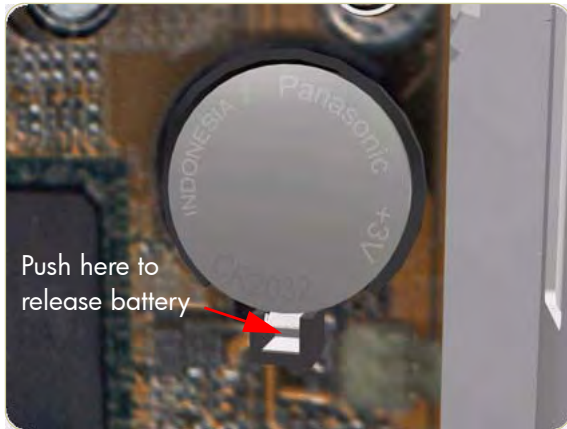
1. Remove the JetDirect Card (if installed).



2. Remove three T-15 screws (**Type A**) that secure the Main PCA cover.



3. Remove the Main PCA Cover from the Printer.



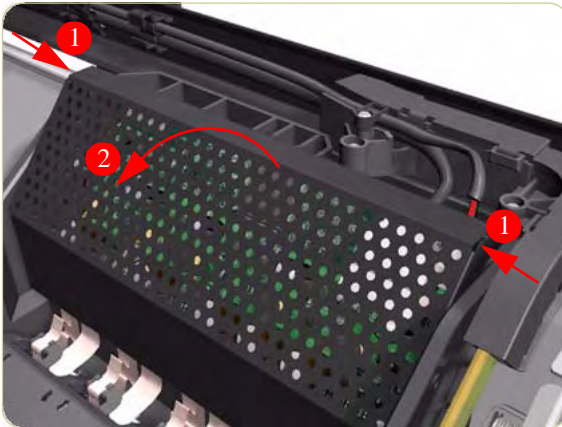
4. Push the clip down and release the battery from the Main PCA.

Line Sensor Assembly

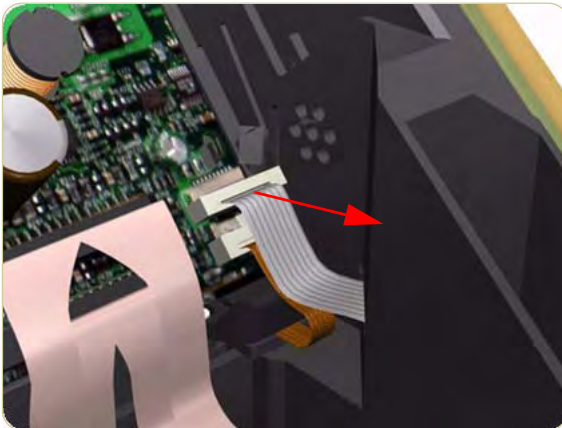
Removal

Switch off the product and remove the power cable.

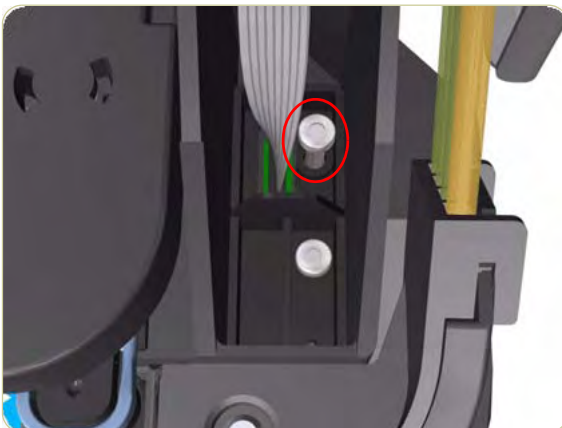
1. Remove the Right Cover ⇒ Page 8-6.
2. Press the two side of the Carriage PCA Cover and unclip from the Carriage Assembly.

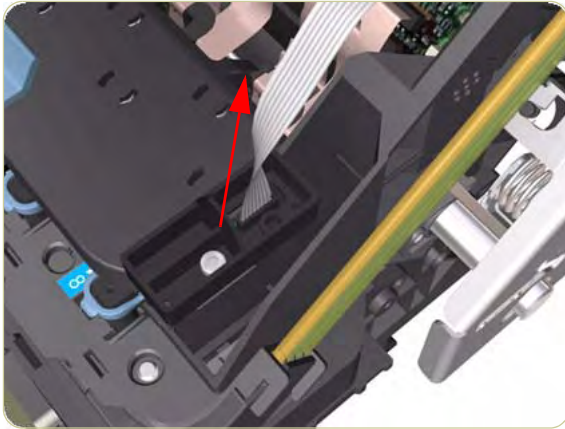


3. Release the clip and disconnect the Line Sensor cable from the Carriage PCA.



4. Remove one T-15 screw (**Type G**) that secures the Line Sensor to the carriage Assembly.





5. Remove the Line Sensor from the Carriage Assembly.

After installing the NEW Line Sensor, make sure you perform the following Service Calibrations:

- Line Sensor Calibration ⇒ Chapter 5.

Media Deflector

Removal

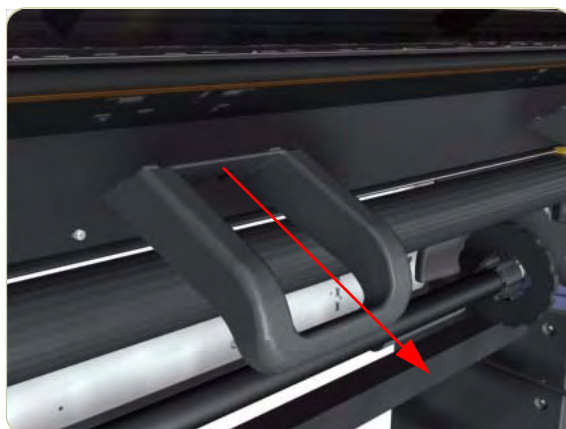
Switch off the product and remove the power cable.



1. Remove one T-20 screw (**Type B**) that secures the Media Deflector that needs to be replaced.



2. Release the clip securing the Media Deflector.



3. Remove the Media Deflector (slide upwards first) from the Printer.

Front Platen

Removal

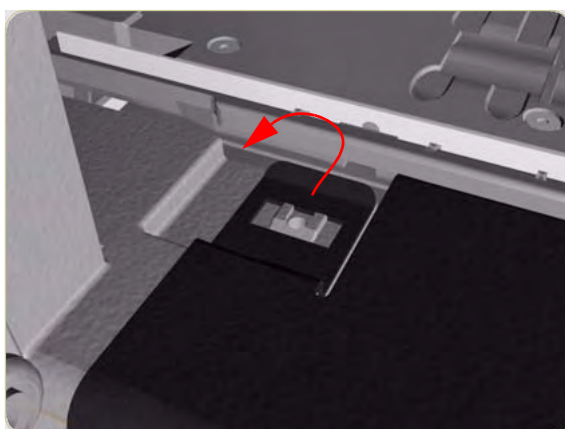
Switch off the product and remove the power cable.



1. Open the Window.



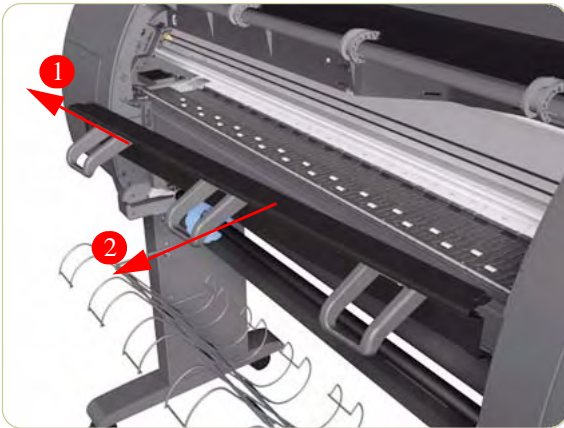
2. Remove three T-15 screws and two cross-head screws that secure the Front Platen.



3. Release the clip on the left hand side of the Front Platen.



4. Pull out the left hand side of the Front Platen.



5. Slide the Front Platen to the Left and then remove from the Printer.

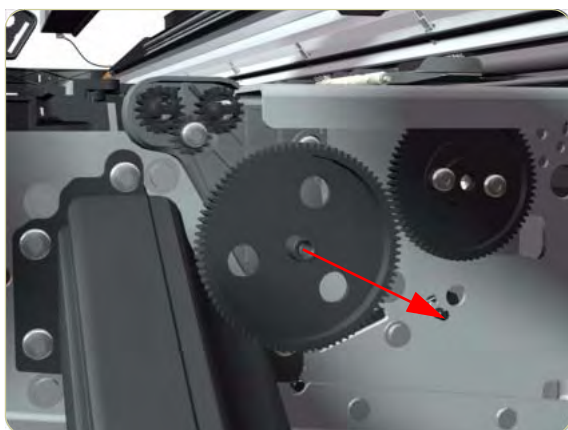
If a NEW Front Platen is to be installed, make sure that you first remove ALL 3 Media Deflectors (⇒ Page 8-91) from the OLD Front Platen and install them on the New Front Platen.

Center Platen

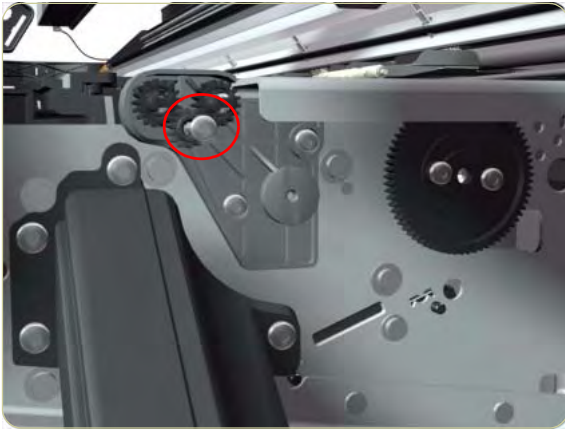
Removal

Switch off the product and remove the power cable.

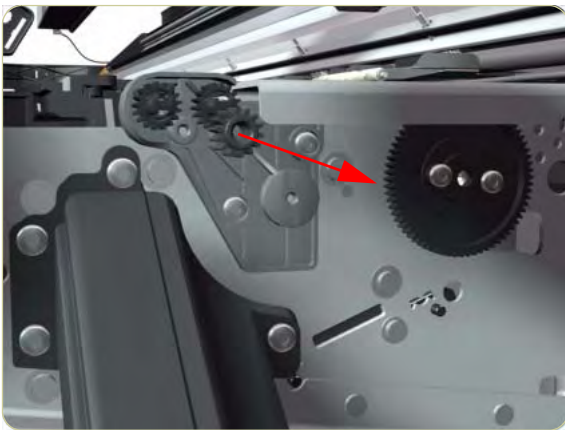
1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Remove the Top Cover ⇒ Page 8-11.
4. Remove the Service Station ⇒ Page 8-23.
5. Remove the Middle Left Spittoons ⇒ Page 8-44.
6. Remove one T-15 screw (**Type P**) that secures the Center Platen Gear.



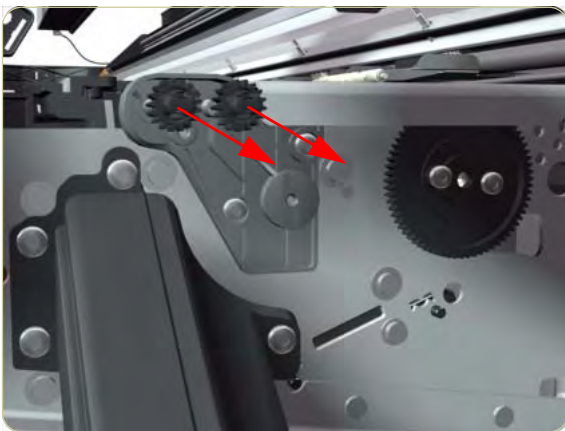
7. Remove the Center Platen Gear from the Printer.



- 8.** Remove one T-15 screw that secures the small Gear.

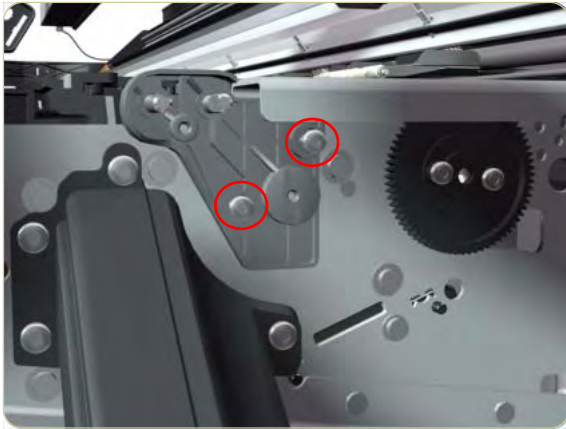


- 9.** Remove the small Gear from the Printer.

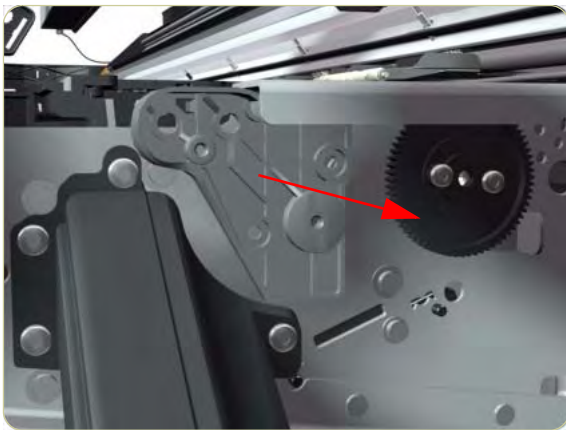


- 10.** Remove the two small Platen Gears by releasing the clips.

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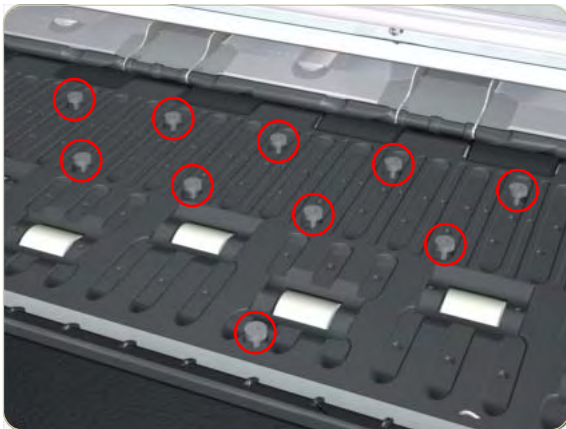


11. Remove two T-20 screws (**Type Q**) that secure the Gear Bracket.

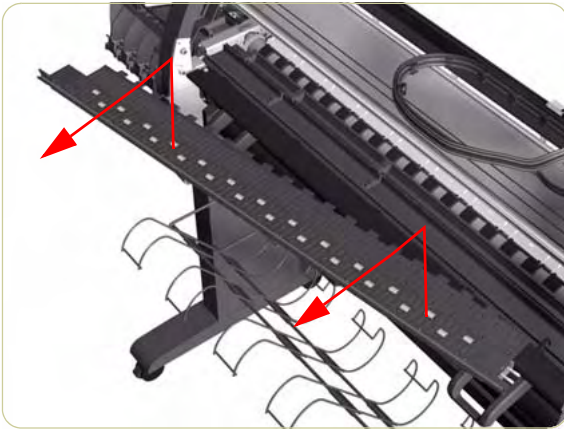


12. Remove the Gear Bracket from the Printer.

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13. Remove 79 T-10 screws (**Type C**) that secure the Center Platen.



14. Remove the Center Platen from the Printer.

Make sure you take note of the positions of the Foams located underneath the center Platen.

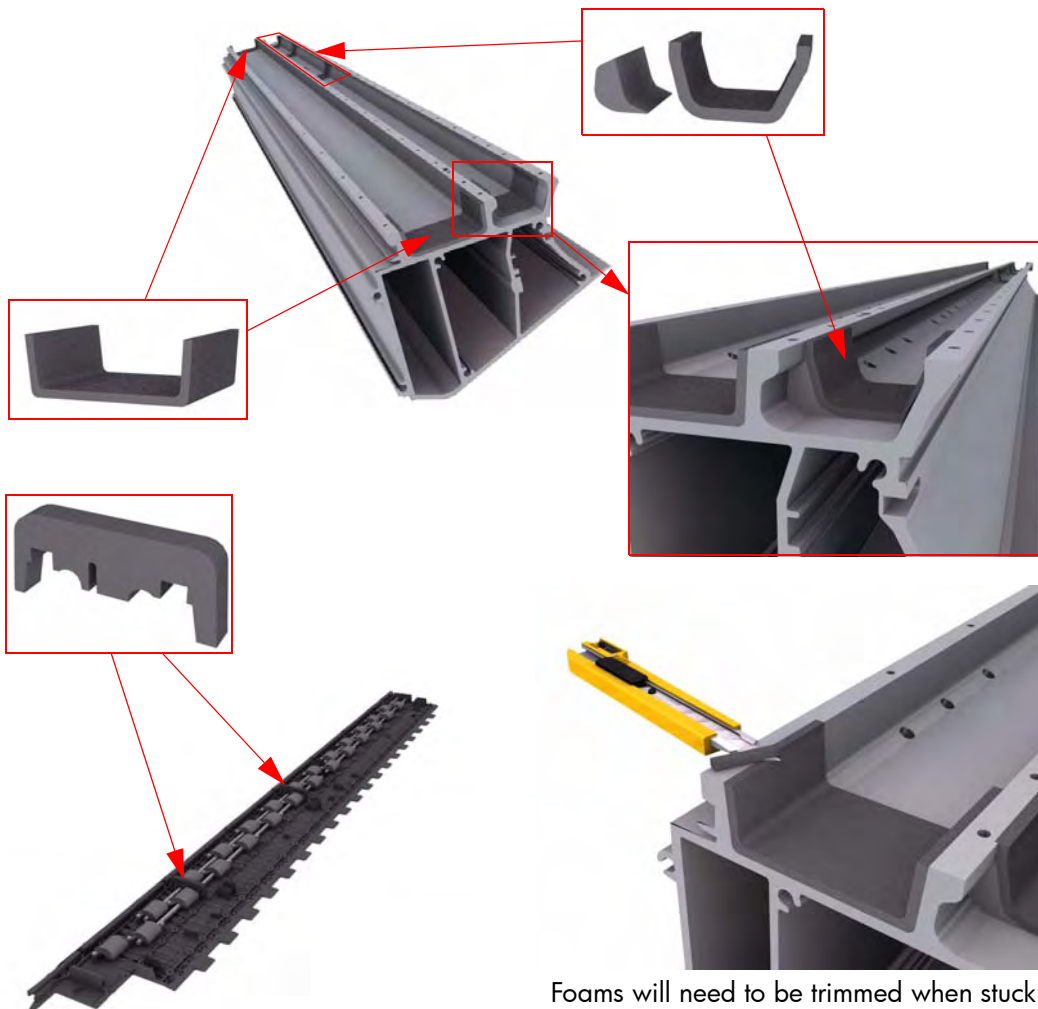
When reinstalling the parts, make sure you apply the grease (included with the support part) to the gears.

After installing the NEW Center Platen, make sure you perform the following Service Calibration:

■ Paper Advance Calibration ⇒ Chapter 5.

Installation of the Foams

Before installing the Center Platen, make sure you check the foams that are stuck on the Vacuum Beam. These foams should ONLY be changed if they are damaged. In the circumstance where they do need to be changed, use the following illustrations to guide you:



Foams will need to be trimmed when stuck to the Vacuum Beam

Cartridge Trays

Removal

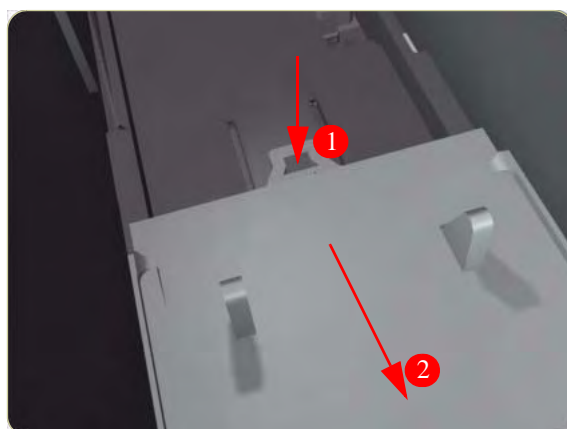
Switch off the product and remove the power cable.



1. Open the Ink Cartridge Door.



2. Release the Tray Lever of the required color and pull out the Tray. Remove the Ink Cartridge if installed.



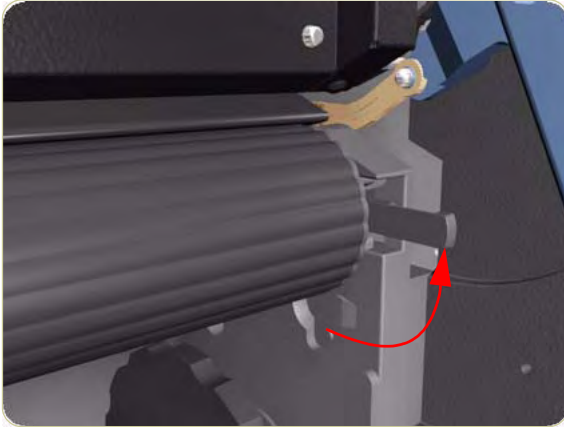
3. Press down on the Tray clip and pull the Tray completely out of the Printer.

Note that each Cartridge Tray is different even though they look very similar. When selecting the Cartridge Tray from the Support Part (it contains four Cartridge Trays), choose the Tray that exactly matches the one that you have just removed.

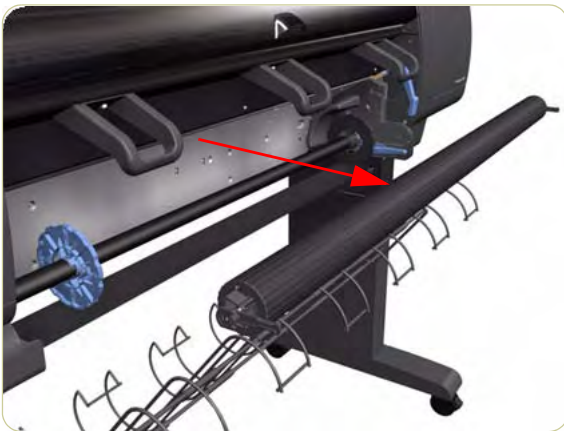
Input Roller

Removal

Switch off the product and remove the power cable.



1. Raise the left and right levers to release the Input Roller.



2. Pull out the Input Roller from the Printer.

Push-Push Mechanism

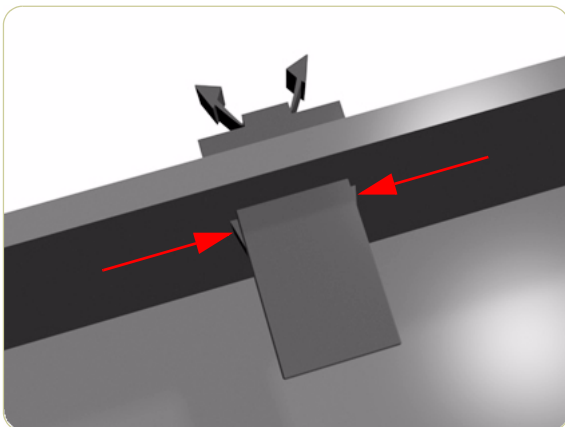
Removal

Switch off the product and remove the power cable.

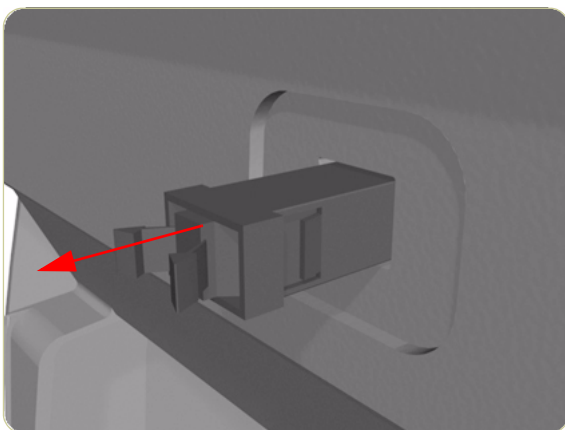
1. Remove the Right Cover ⇒ Page 8-4 or the Left Cover ⇒ Page 8-4 depending on which Push-Push Mechanism you want to replace.
2. Open the Ink Cartridge or the Printhead Cleaner Door (depending on which cover you have removed).



3. Squeeze the release clips from inside the Cover.



4. Push the Push-Push Mechanism through the hole to remove.

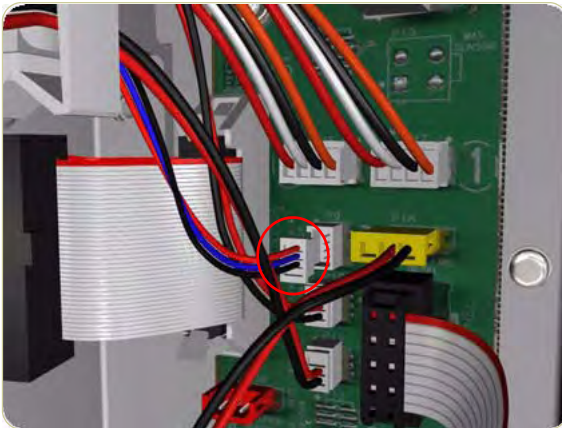


Media Sensor

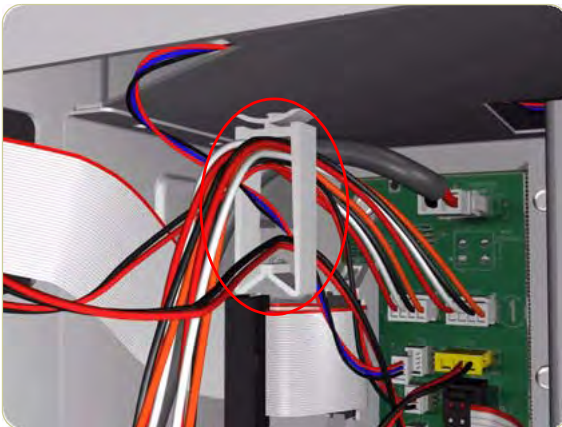
Removal

Switch off the product and remove the power cable.

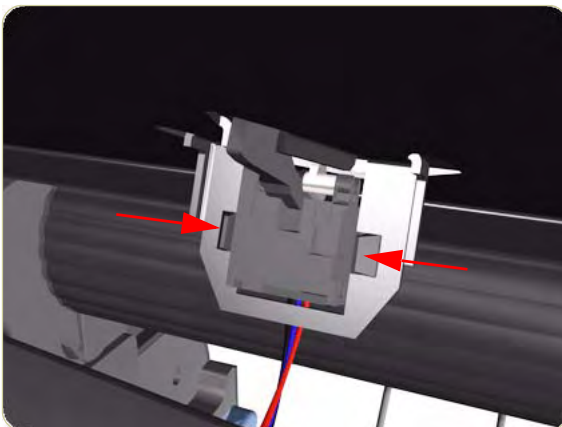
1. Remove the Rear Door ⇒ Page 8-16.
2. Remove the Right Connector Cover ⇒ Page 8-18.
3. Disconnect the Media Sensor cable from the Interconnect PCA.

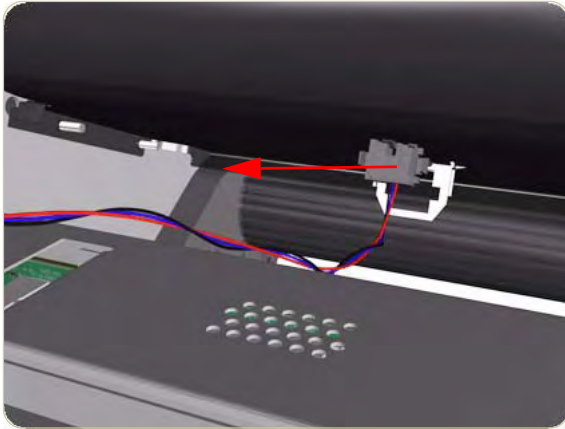


4. Release the Media Sensor cable from the clip located on the Electronics Module.



5. Unclip the Media Sensor from the Center Guide.





6. Pull the cable through the hole and remove the Media Sensor from the Printer.

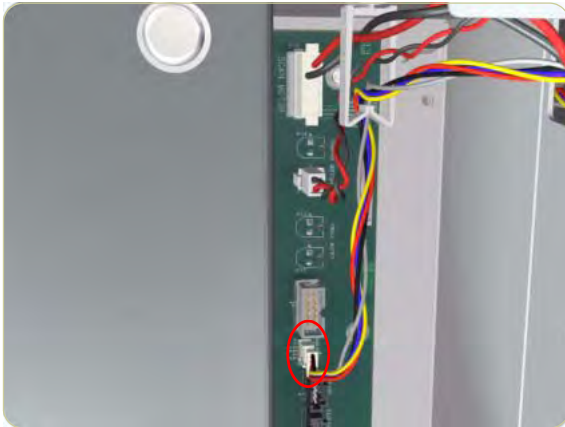
Encoder Disc and Sensor

Removal

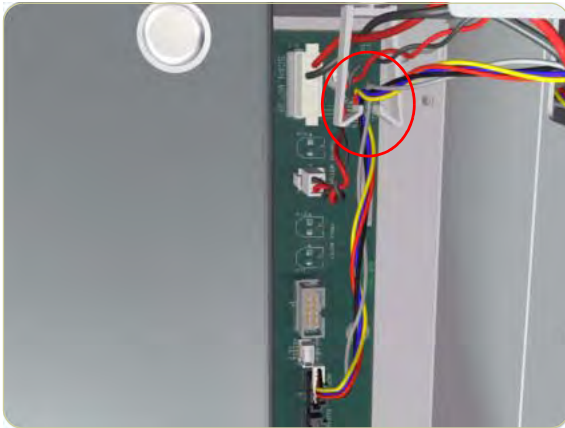
Switch off the product and remove the power cable.

Please handle the Encoder Disc very carefully since any finger prints, scratches or stains could cause the Printer to malfunction.

1. Remove the Left Cover ⇒ Page 8-9.
2. Remove the Rear Door ⇒ Page 8-16.
3. Remove the Left Connector Cover ⇒ Page 8-19.
4. Remove the Ink Supply Station ⇒ Page 8-40.
5. Disconnect the Encoder Sensor cable from the PrintMech PCA.

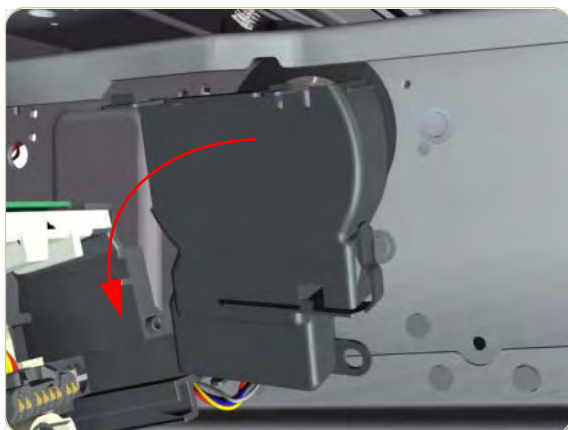


6. Release the Encoder Sensor cable from the clip located on the Electronics Module.

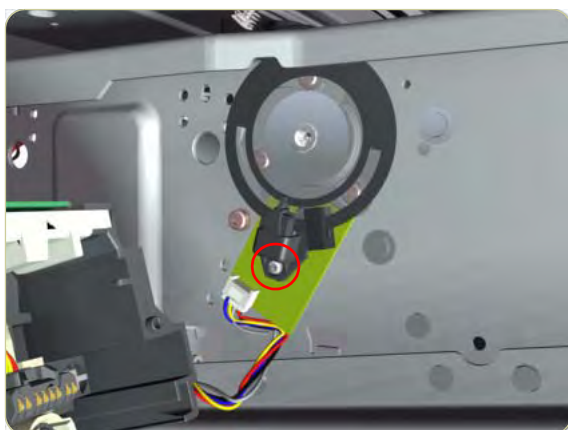




7. Release the Encoder Sensor cable from the clip located on the Encoder Disc Cover.



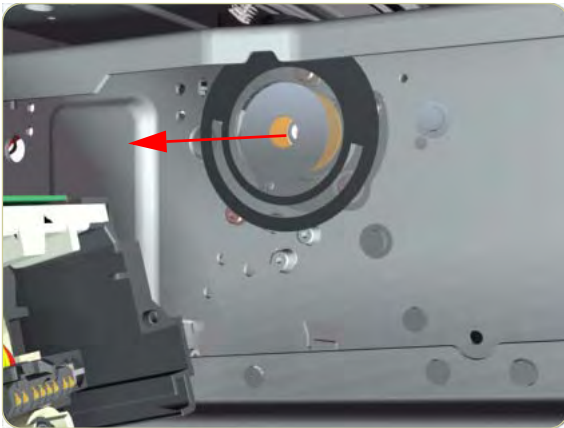
8. Unclip the Encoder Disc Cover and remove from the Printer.



9. Remove one T-8 screw (**Type D**) that secures the Encoder Sensor to the Chassis.



10. Remove the Encoder Sensor from the Printer.



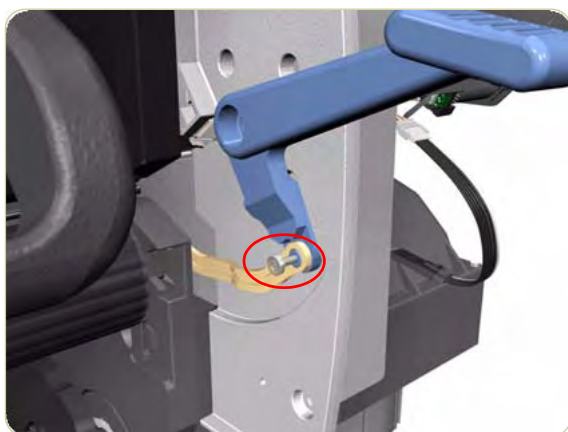
11. Carefully peel the Encoder Disc from the Drive Roller.

Media Lever Assembly

Removal

Switch off the product and remove the power cable.

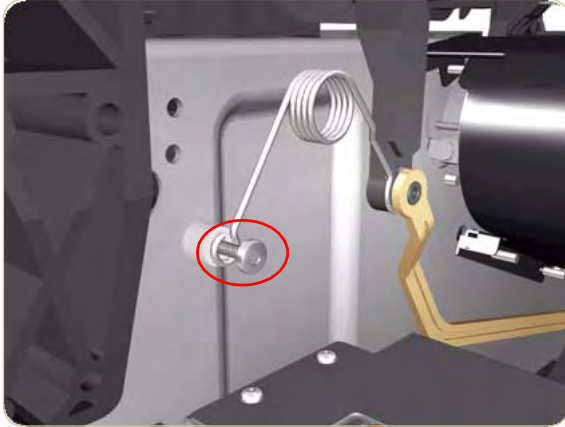
1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Rear Door ⇒ Page 8-16.
3. Raise the Media Lever.



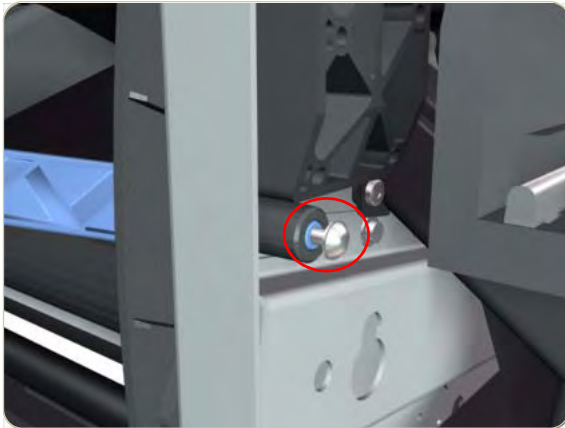
4. Remove one T-15 screw (**Type F**) that secures the Media Lever to the Linkage.



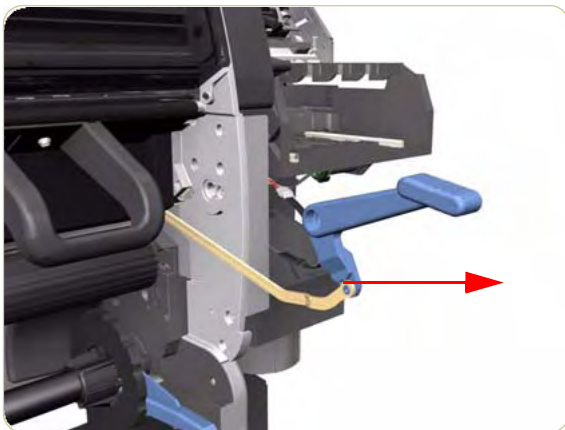
5. Remove one T-15 screw (**Type F**) that secures the Linkage to the Spring.



6. Remove one T-20 screw (**Type A**) that secures the Spring to the Spacer.



7. Remove one T-20 screw (**Type O**) that secures the Media Lever to the Right Trim.



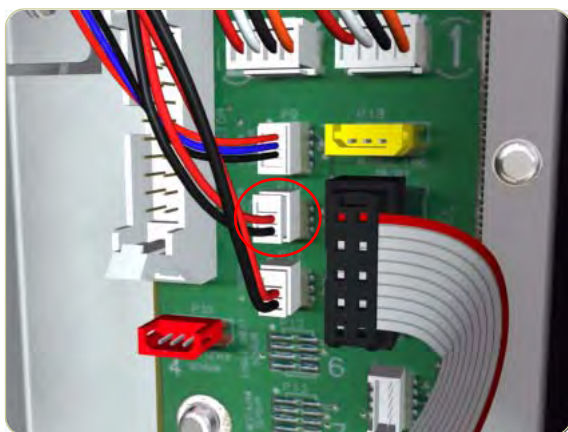
8. Remove the Media Lever Assembly from the Printer.

Media Lever Sensor

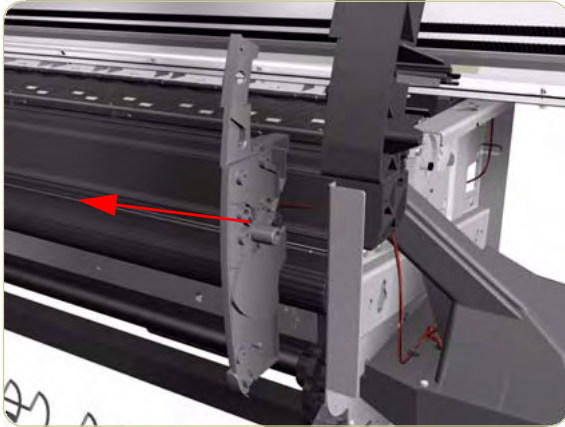
Removal

Switch off the product and remove the power cable.

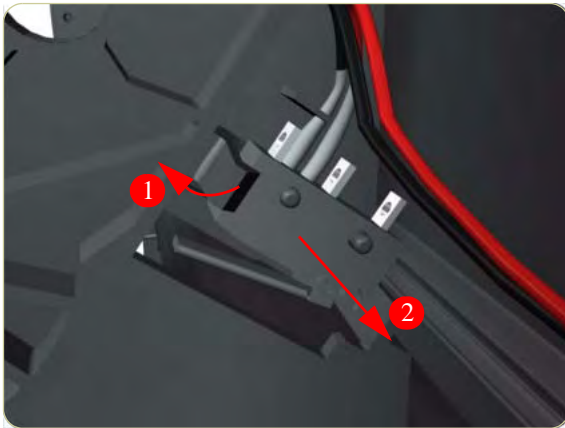
1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Rear Door ⇒ Page 8-16.
3. Remove the Right Connector Cover ⇒ Page 8-18.
4. Remove the Service Station ⇒ Page 8-23.
5. Remove the Front Platen ⇒ Page 8-92.
6. Remove the Media Lever and Linkage ⇒ Page 8-106.
7. Disconnect the Media Lever Sensor cable from the Interconnect PCA.



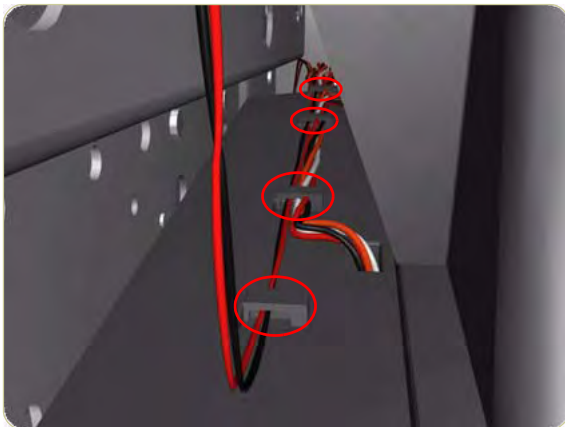
8. Remove five T-15 screws (**Type B**) that secure the Right Trim.



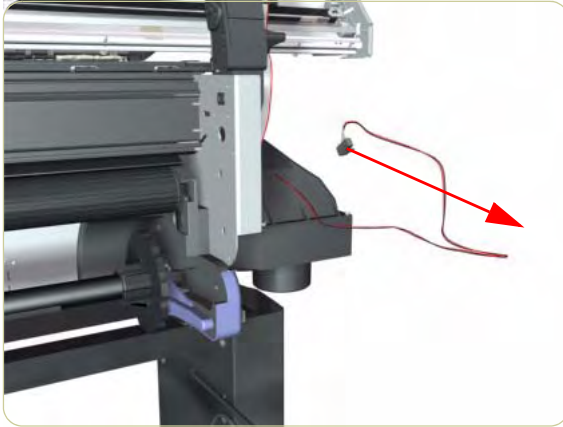
- 9.** Carefully remove the Right Trim from the Printer.



- 10.** Carefully release the clip securing the Media Lever Sensor from the Right Trim and remove from the locating pins.



- 11.** Release the Media Lever Sensor Cable from the four clips on the Vacuum Fan.



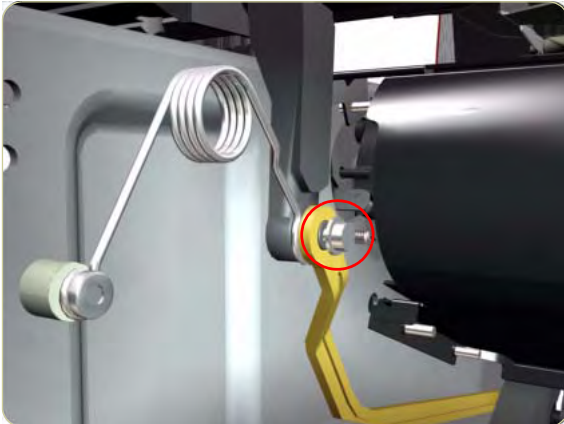
- 12.** Remove the Media Lever Sensor from the Printer.

Pinchwheel Assembly

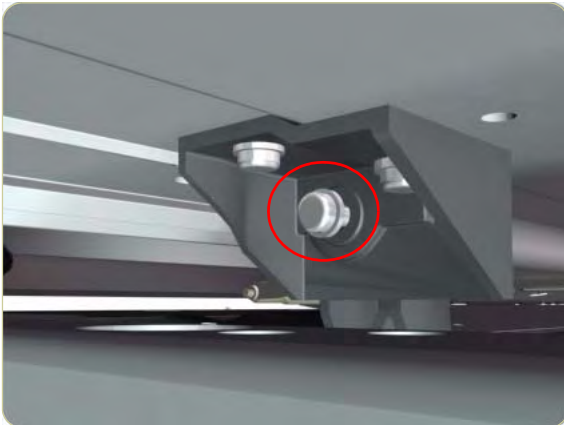
Removal

Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Rear Door ⇒ Page 8-16.
3. Remove the Service Station ⇒ Page 8-23.
4. Remove one T-20 screw that secures the Linkage to the Spring.



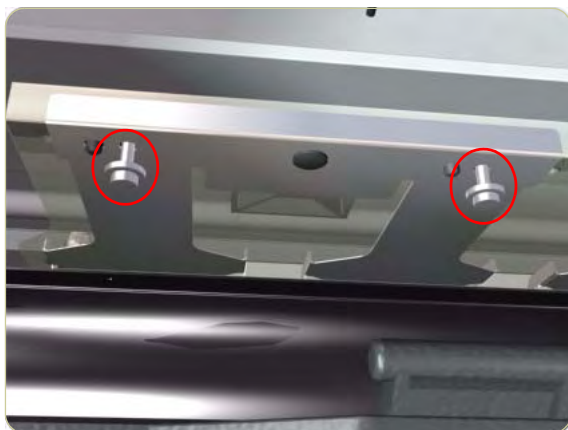
5. Remove one T-20 screw that secures the Cam to the Cam Lever.



6. Insert a plastic stud in to each Pinchwheel Subassembly (the Plastic Studs can be found in the replacement Pinchwheel Assembly kit).



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7. Remove two T-20 screws (**Type M**) from each Pinchwheel Subassembly (a 90 degree angle screwdriver is included with the replacement Pinchwheel Assembly).



8. Remove the complete Pinchwheel Assembly (including the Cam and Cam Lever) from the Printer.



Before installing the NEW Pinchwheel Assembly, insert the plastic studs in to each Pinchwheel subassembly. This will make it easier to install the complete Pinchwheel Assembly.

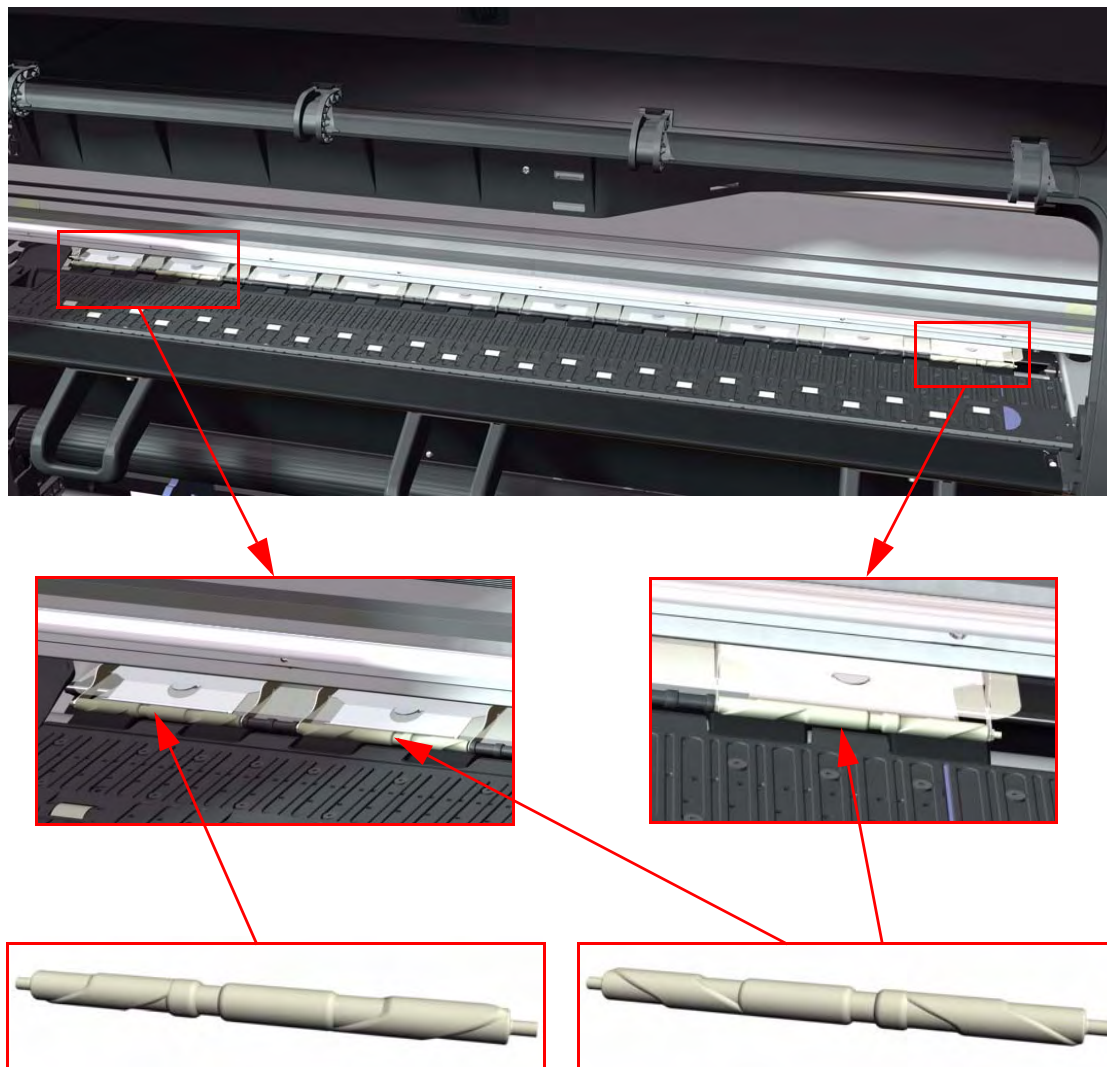
Removing individual Pinchwheels



1. To remove an individual Pinchwheel, push apart the metal part that secures the pinchwheels and then pull out the individual Pinchwheel.

Important Information on Installation of Pinchwheels

The Pinchwheel Assembly contains 3 white Pinchwheels and several black Pinchwheels. The black Pinchwheels are symmetrical so can be installed without any problems, BUT the white Pinchwheels are NOT symmetrical so it is VERY IMPORTANT to install them correctly using the following illustration:



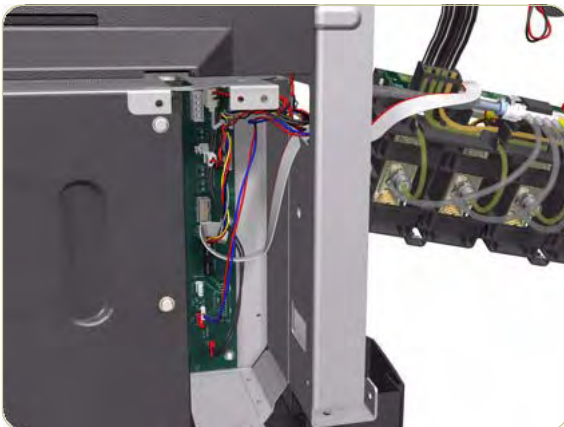
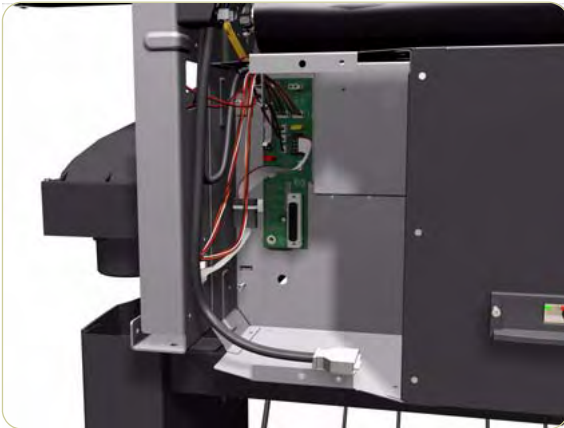
Check the orientation of the Pinchwheel before installing

Center Guide

Removal

Switch off the product and remove the power cable.

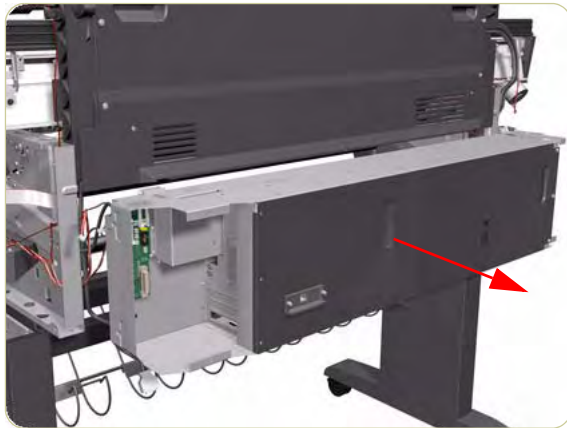
1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Remove the Right Connector Cover ⇒ Page 8-18.
4. Remove the Left Connector Cover ⇒ Page 8-19.
5. Remove the Service Station ⇒ Page 8-23.
6. Remove the Ink Supply Station ⇒ Page 8-40.
7. Remove the Media Sensor ⇒ Page 8-108.
8. Disconnect ALL the cables connected to the Interconnect PCA and the Gamut PCI PCA.



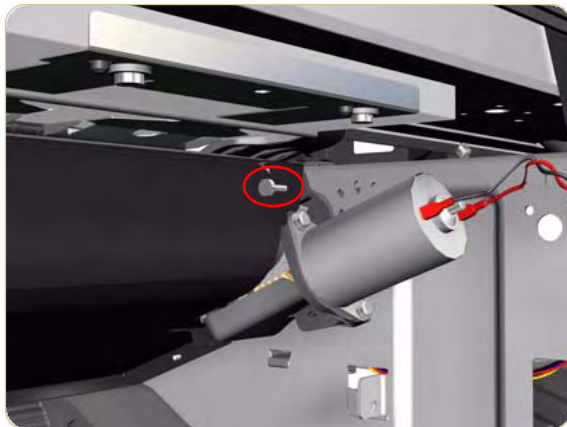
9. Disconnect ALL the cables connected to the PrintMech PCA.



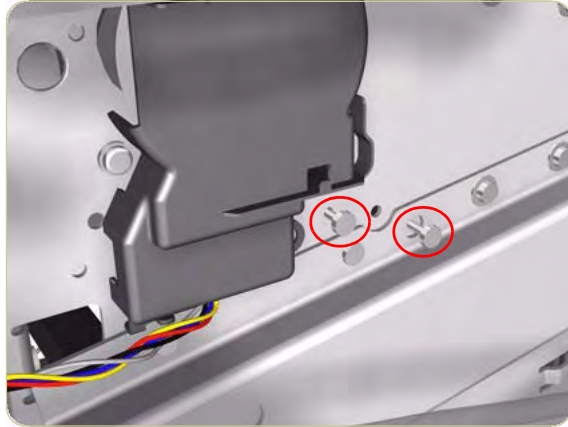
10. Remove four T-20 screws (**Type B**) that secure the Electronics Module.



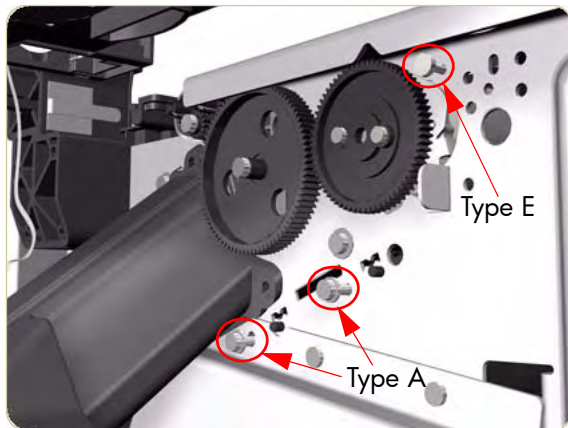
11. Remove the Electronics Module from the Printer.



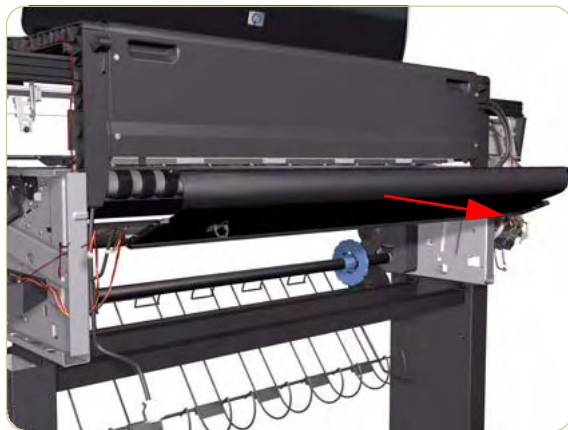
12. Remove one T-15 screw (**Type E**), that secures the Center Guide, from underneath the Printer.



- 13.** Remove two T-15 screws (**Type E**), that secure the Center Guide, from the left hand side of the Printer.



- 14.** Remove one T-15 screw (**Type E**) and two T-20 screws (**Type A**), that secure the Center Guide, from the right hand side of the Printer.



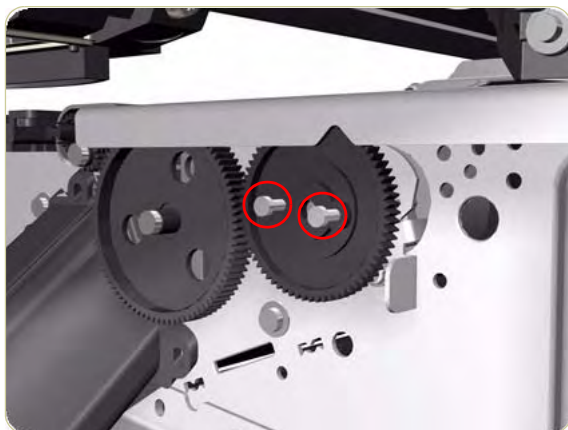
- 15.** Remove the Center Guide from the Printer.

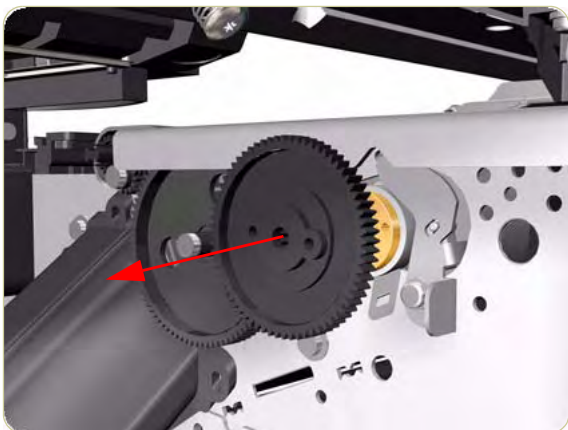
Drive Roller

Removal

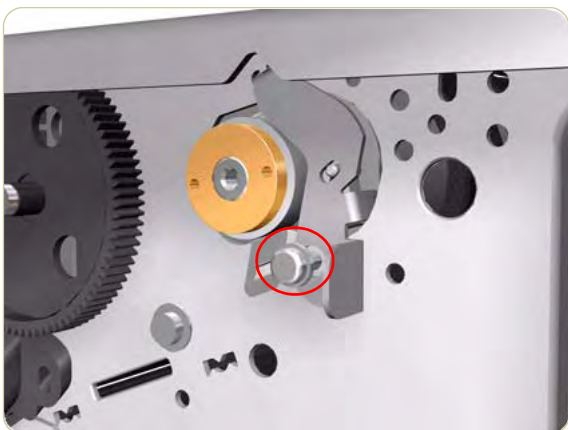
Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Left Cover ⇒ Page 8-9.
3. Remove the Right Connector Cover ⇒ Page 8-18.
4. Remove the Left Connector Cover ⇒ Page 8-19.
5. Remove the Service Station ⇒ Page 8-23.
6. Remove the Ink Supply Station ⇒ Page 8-40.
7. Remove the Media-Axis Motor ⇒ Page 8-62.
8. Remove the Encoder Disc and Sensor ⇒ Page 8-103.
9. Remove the Media Lever Assembly ⇒ Page 8-106.
10. Remove the Media Sensor ⇒ Page 8-108.
11. Remove the Center Guide ⇒ Page 8-115.
12. Remove two T-10 screws that secure the Drive Roller Gear.

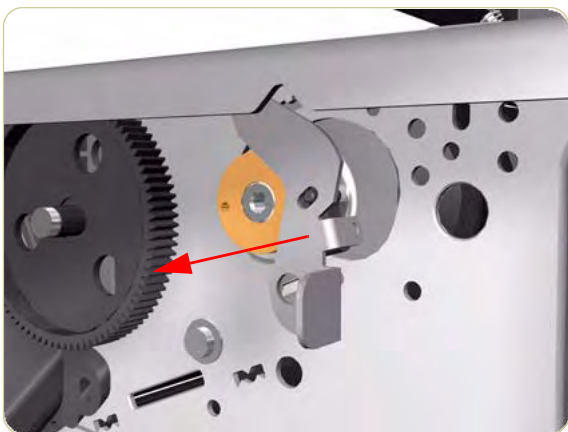




13. Remove the Drive Roller Gear from the Printer.



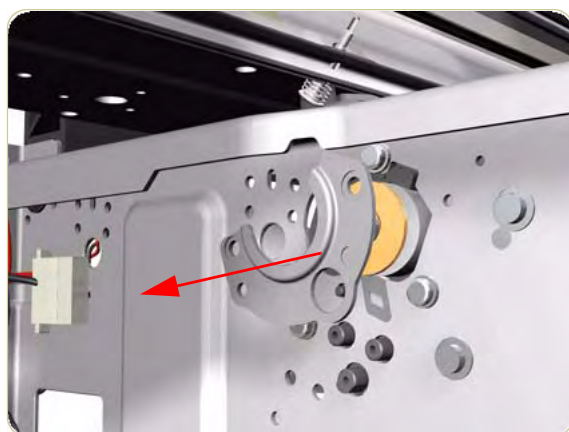
14. Remove one T-20 screw (**Type B**) that secures the cover on the right hand side of the Printer.



15. Remove the Cover.



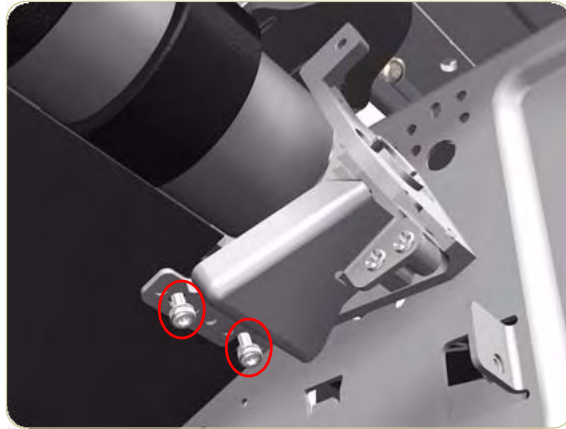
16. Remove two T-20 screws (**Type B**) that secure the cover on the left hand side of the Printer.



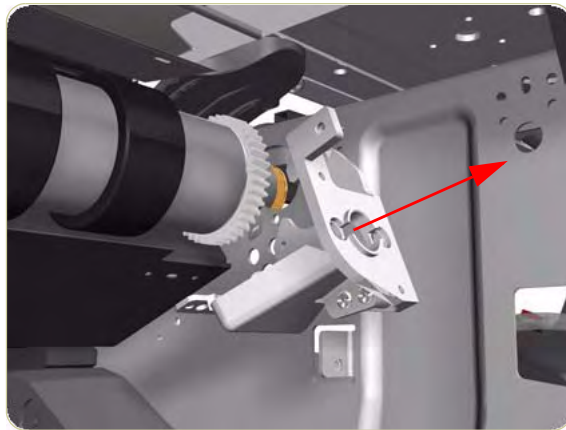
17. Remove the Cover.



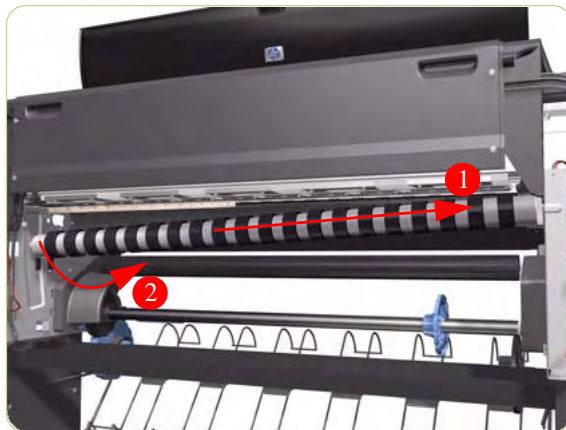
18. Remove three T-20 screws (**Type B**) that secure the Media-Axis Motor Bracket to the sideplate.



19. Remove two T-20 screws (**Type A**) that secure the Media-Axis Motor Bracket to the Chassis.



20. Remove the Media-Axis Motor Bracket from the Printer.



21. Remove the Drive Roller by sliding it to the right, then downwards and then out of the Printer.

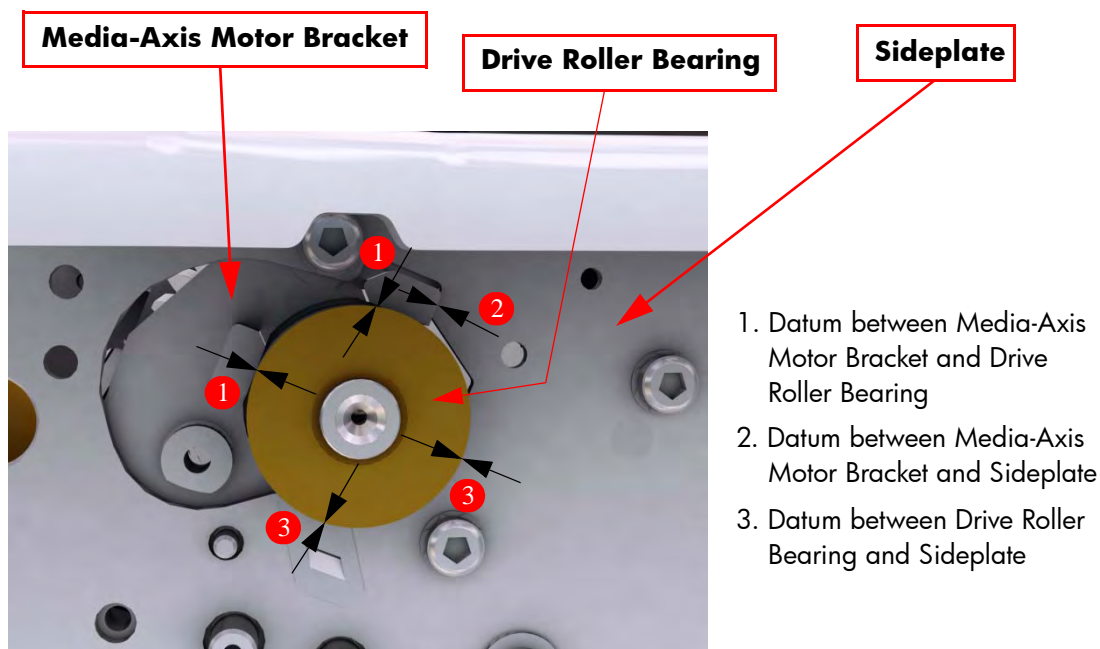
When reinstalling the parts, make sure you apply the grease (included with the support part) to the gears.

After installing the NEW Drive Roller, make sure you perform the following Service Calibration:

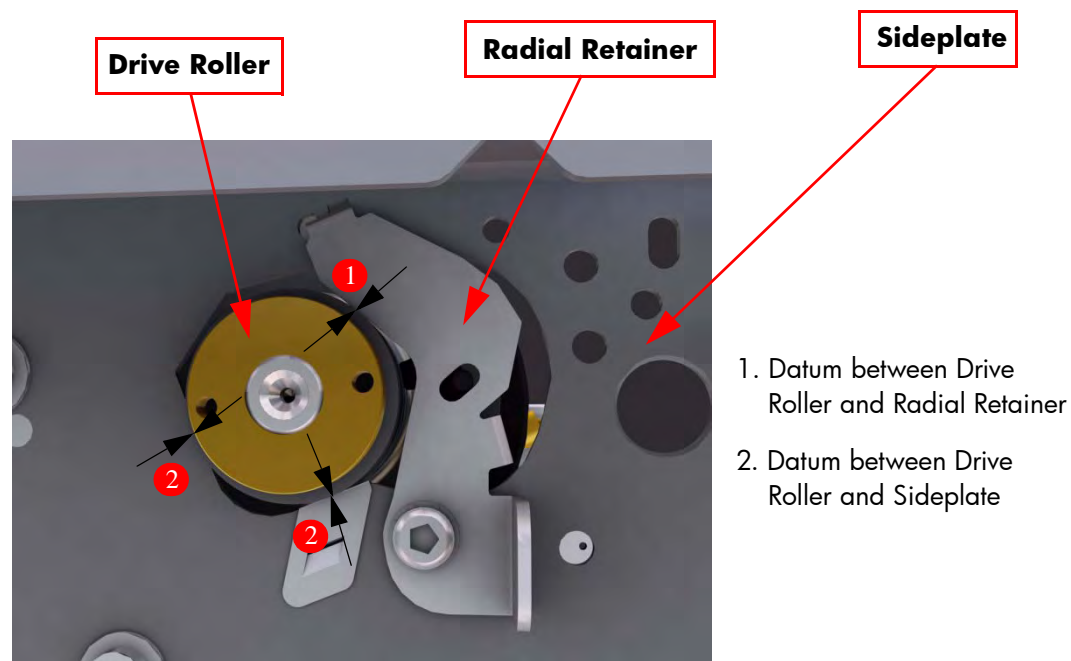
- Paper Advance Calibration ⇒ Chapter 5.

Installation of the Drive Roller

When installing the Drive Roller, several different datums have to be met in order to ensure that the Drive Roller has no axial play. Use the following illustrations to ensure that ALL the datums are met:

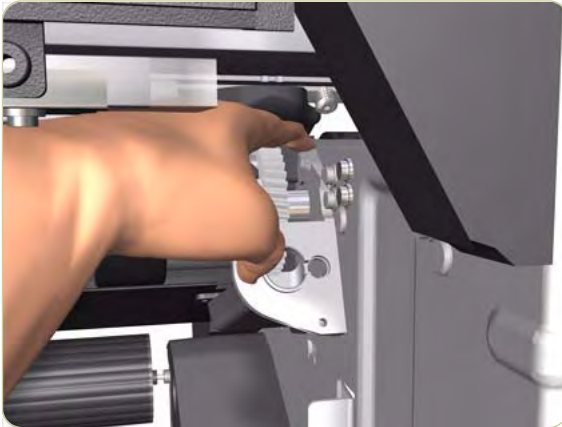


Left Hand Side of the Printer

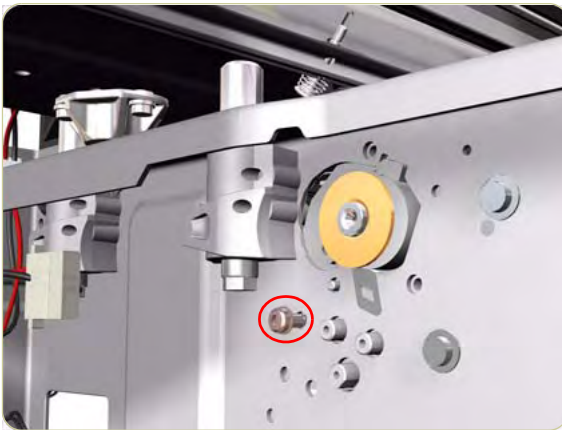


Right Hand Side of the Printer

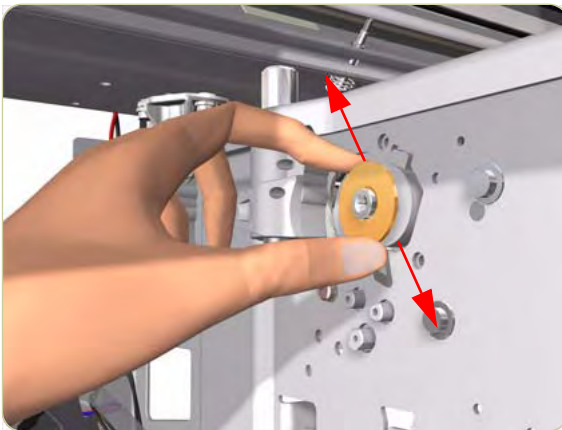
To make sure that ALL the datums are met when installing the Media-Axis Motor Bracket, make sure you follow these instructions:



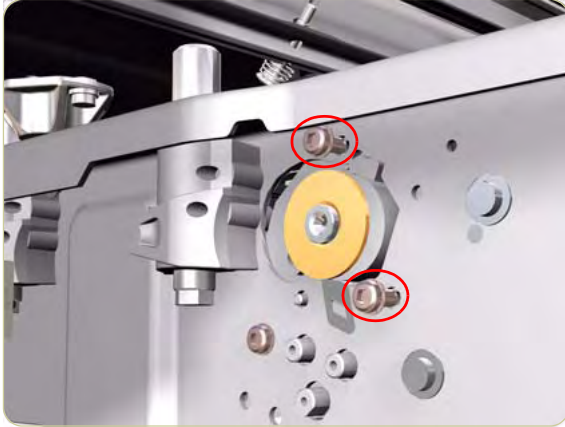
1. Place the Media-Axis Motor Bracket in the correct position on the Printer. Make sure you keep it pushed down (as shown in the illustration) until the first screw has been installed and fully tightened.



2. Install the first screw (T-15) in the position shown. Make sure you tighten the screw fully so that the Media-Axis Motor Bracket cannot be moved.



3. Check that there is no play (movement) between the Media-Axis Motor Bracket and the Drive Roller. If there is play, then check that the screw installed in the previous step is fully tightened.



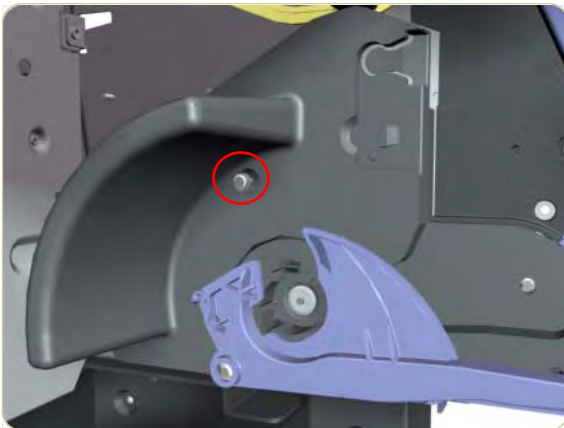
4. Install the remaining two screws (T-15) that secure the Media-Axis Motor Bracket.

Right Rollfeed Module Assembly

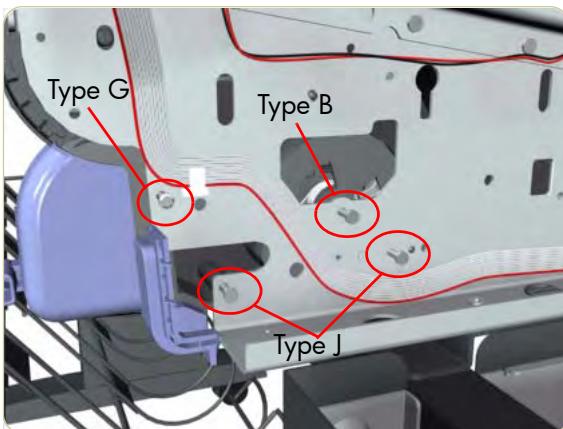
Removal

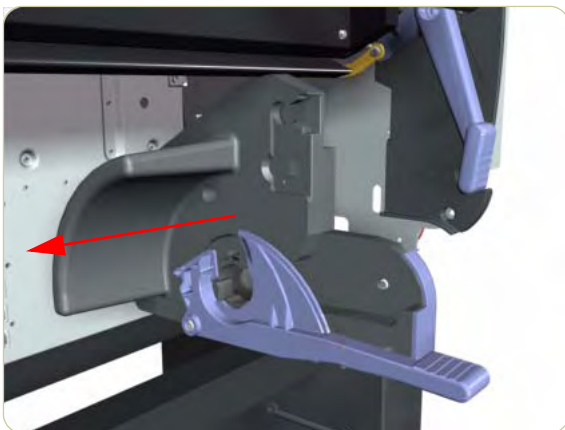
Switch off the product and remove the power cable.

1. Remove the Right Cover ⇒ Page 8-6.
2. Remove the Service Station ⇒ Page 8-23.
3. Remove the Vacuum Fan ⇒ Page 8-27.
4. Remove the Input Roller ⇒ Page 8-99.
5. Remove the Media Spindle (if installed).
6. Remove one T-15 screw (**Type B**) that secures the Right Rollfeed Module from the inside.



7. Remove one T-20 screw (**Type B**), one T-15 screw (**Type G**) and two T-15 screws (**Type J**) that secure the Right Rollfeed Module from the outside.





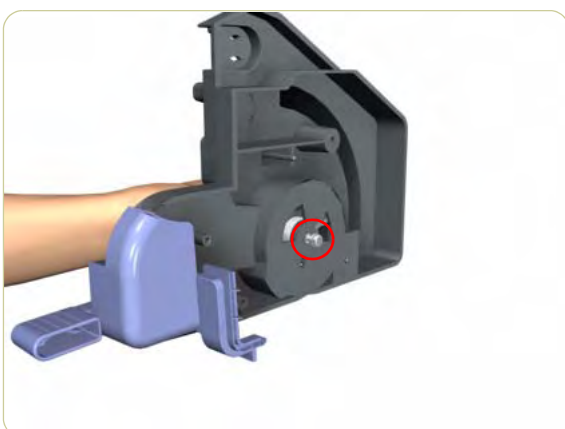
8. Remove the Right Rollfeed Module from the Printer.

Installation

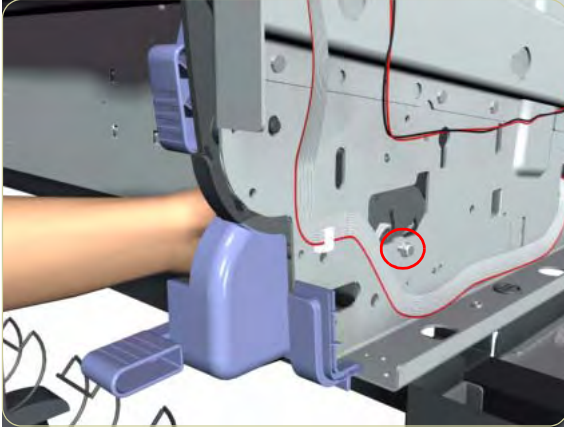
Follow these instructions for the correct installation of a NEW Right Rollfeed Module Assembly:



1. Hold the Right Rollfeed Module as shown, keeping your thumb firmly on the Media Tension Mechanism.



2. While securely holding the Right Rollfeed Module, remove the T-15 screw that secures the Media Tension Mechanism.

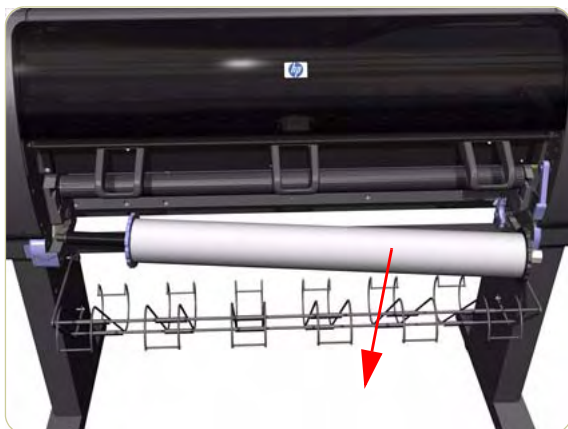


- 3.** While securely holding the Right Rollfeed Module, position the Right Rollfeed on to the Printer and install the T-15 screw that was removed in the previous step.
- 4.** Install the remaining screws that were removed during the removal process.

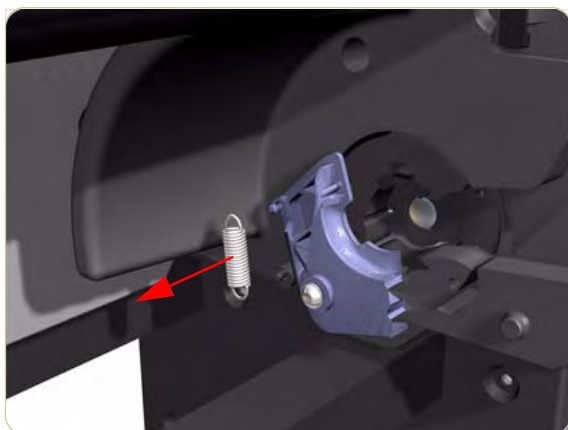
Right Spindle Lever

Removal

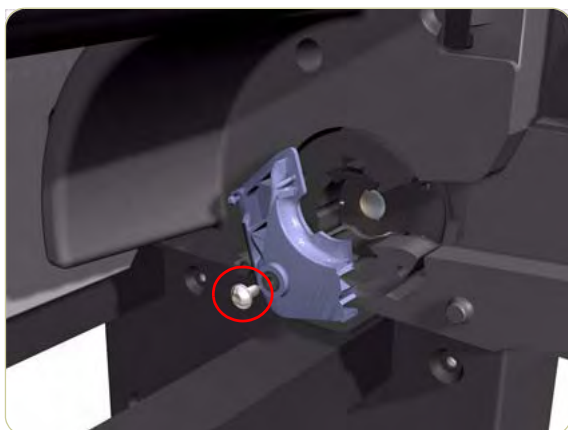
These instructions explain how to remove a broken Spindle Lever and install a new one.



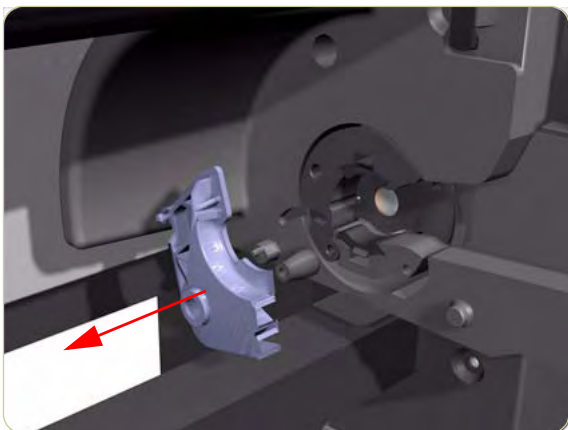
1. Pull out the Media Spindle from the Printer.



2. Remove the Spring from the Spindle Lever.

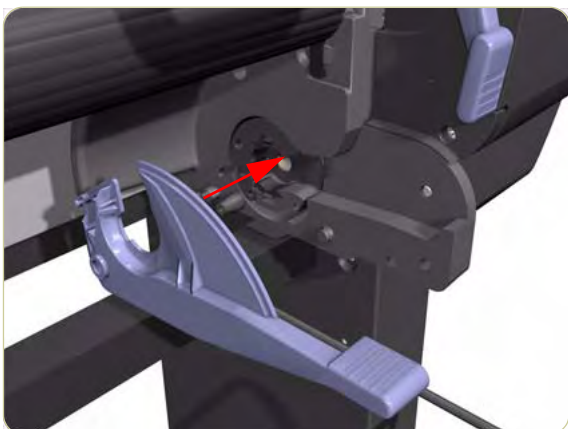


3. Remove one T-20 screw (**Type O**) that secures the Spindle Lever.

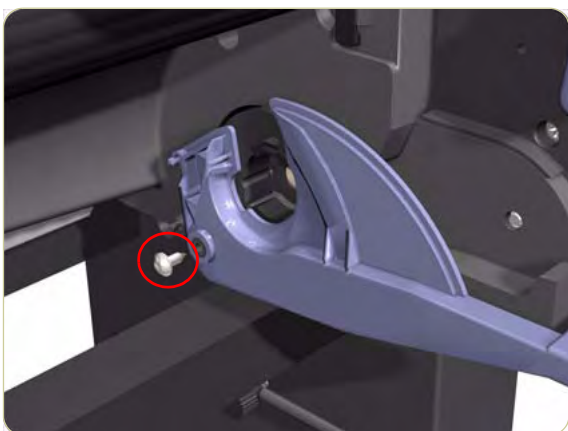


4. Remove the Spindle Lever.

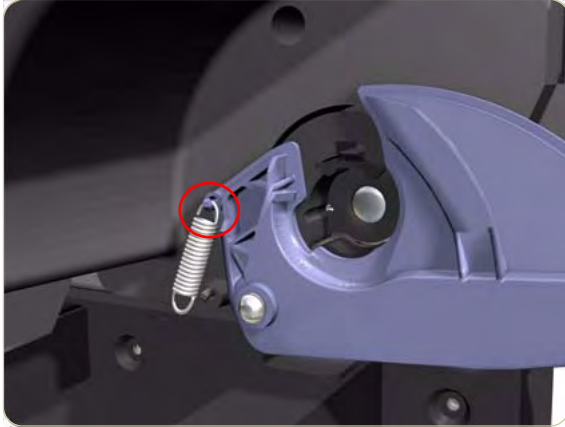
Installation



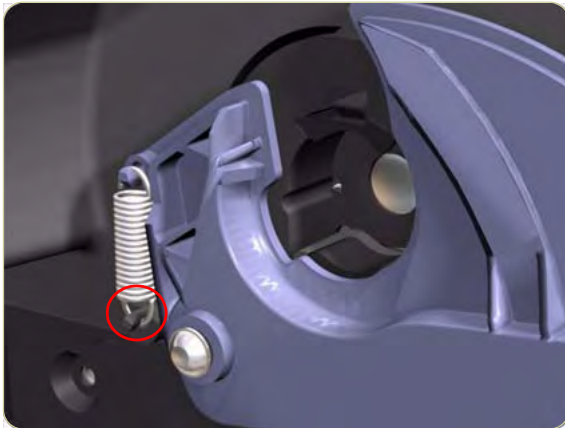
1. Position the new Spindle Lever on the Printer.



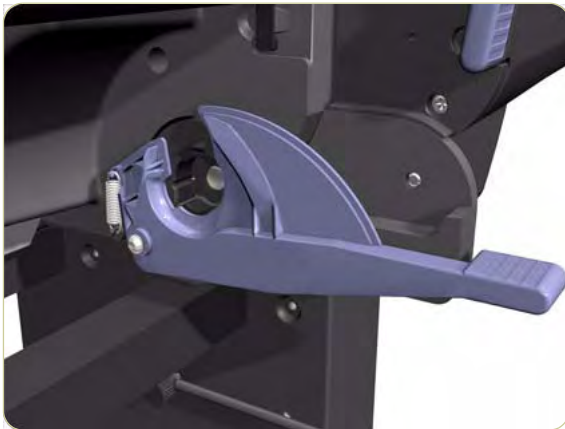
2. Install one T-20 screw (**Type O**) to secure the Spindle Lever.



3. Place the spring on the top hook.



4. Stretch the spring and loop the spring on the bottom hook.



5. Check that the Spindle Lever is installed correctly as shown here.