

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.

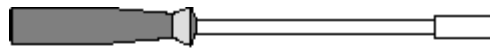
Electrostatic Discharge (ESD) Precautions

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

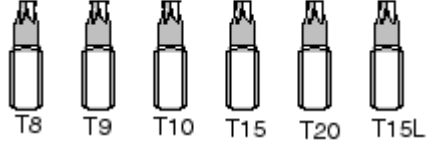
1. Do not wear clothing that is subject to static build-up.
2. Do not handle integrated circuits (ICs) in carpeted areas.
3. Do not remove an IC or a printed circuit assembly (PCA) from its conductive foam pad or conductive packaging until you are ready to install it.
4. Ground (earth) your body while 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

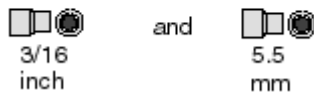
The following tools are required to disassemble and repair the Printer.



Long Torx Screwdriver with the indicated attachments



Nut driver with the indicated attachments



Small flat-blade screwdriver

Top Cover

Removal

Switch off the product and remove the power cable.

1. Open the Top Cover.



2. Release the clips that secure the Top Cover and remove from the Printer.



Center Cover

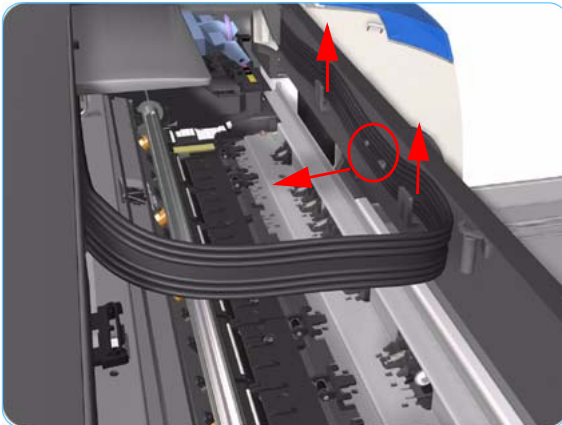
Removal

Switch off the product and remove the power cable.

1. Remove the Top Cover ⇒ Page 4.
2. Release the Ink Supply Tubes from the Raceway Holder. Remove the Raceway Holder from the Printer.



3. Release the Tubes from the retaining clips in the Center Cover.



4. Remove 4 T-10 screws that secure the Center Cover to the Printer.





- 5.** Remove 2 T-10 screws that secure the Center Cover from the rear.



- 6.** Open the Printhead Door.



- 7.** Remove the Center Cover from the Printer.

Right End Cover

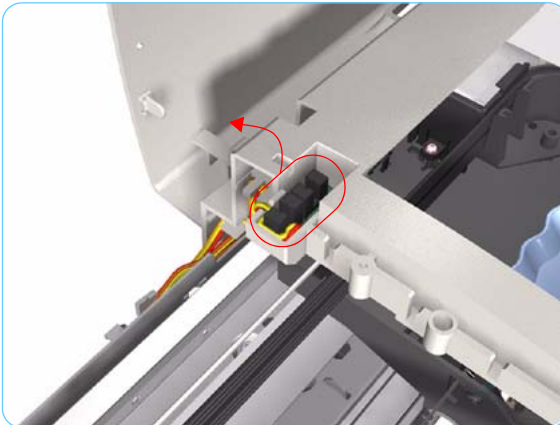
Removal

Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5.
2. Open the Printhead Door.



3. Release the Door Sensor from the Right End Cover.

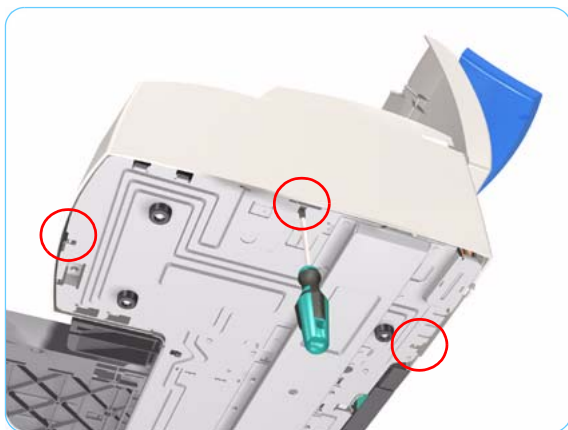


4. Remove 1 T-10 screw that secures the Right End Cover to the Printer.

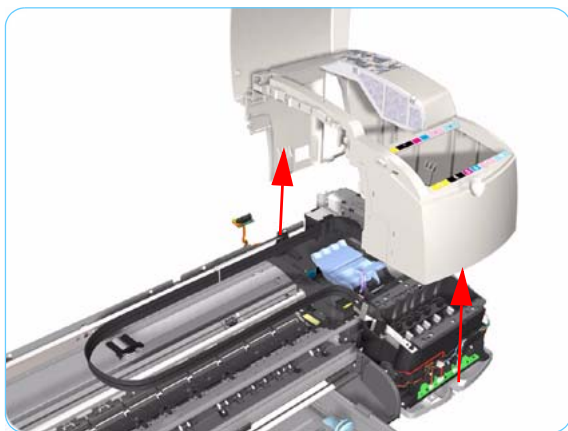




- 5.** Remove 1 T-10 screw from the Right Side Bracket.



- 6.** Release the clips that secure the Right End Cover to the Printer (use a flat-blade screwdriver if necessary).



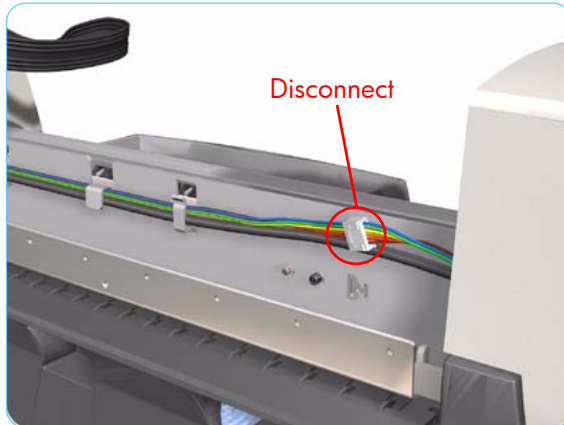
- 7.** Remove the Right End Cover from the Printer.

Left End Cover

Removal

Switch off the product and remove the power cable.

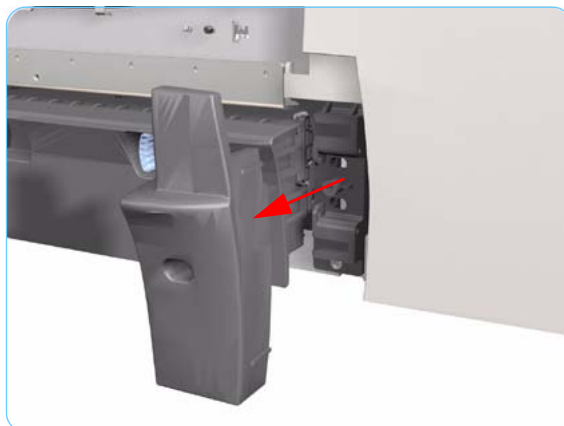
1. Remove the Center Cover ⇒ Page 5.
2. Disconnect the Front Panel cable from the rear of the Printer.



3. Remove 1 T-10 screw from the Rear Left Trim.

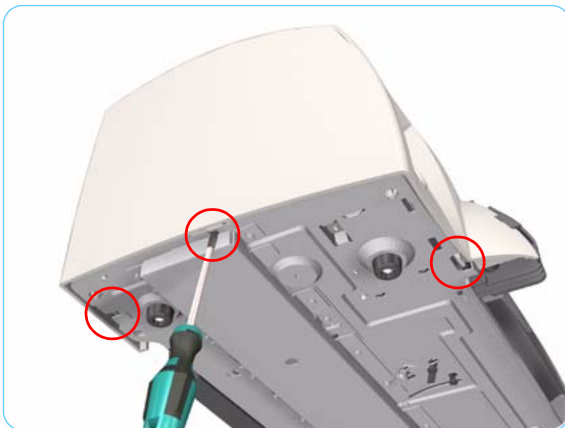


4. Remove the Rear Left Trim from the Printer.

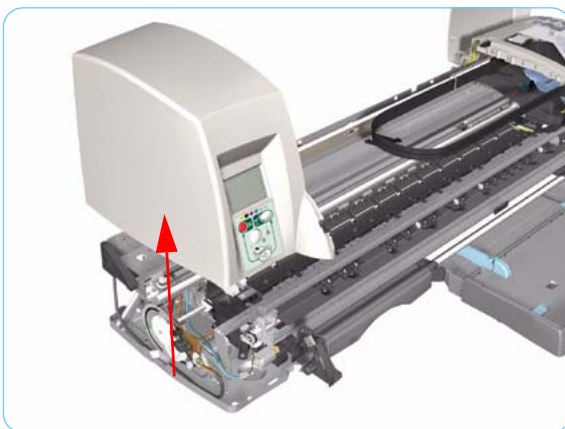




5. Remove 1 T-10 screw from the Left Side Bracket.



6. Release the clips that secure the Left End Cover to the Printer (use a flat-blade screwdriver if necessary).



7. Remove the Left End Cover from the Printer.

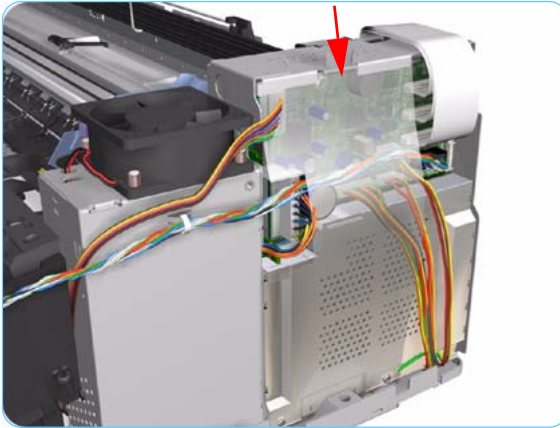
Before installing the Left End Cover, make sure you first check that the Front Panel Cable is routed correctly as shown on Page 20.

Ink Supply Station

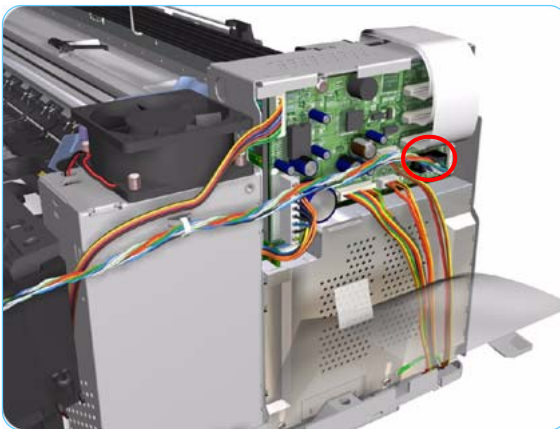
Removal

Switch off the product and remove the power cable.

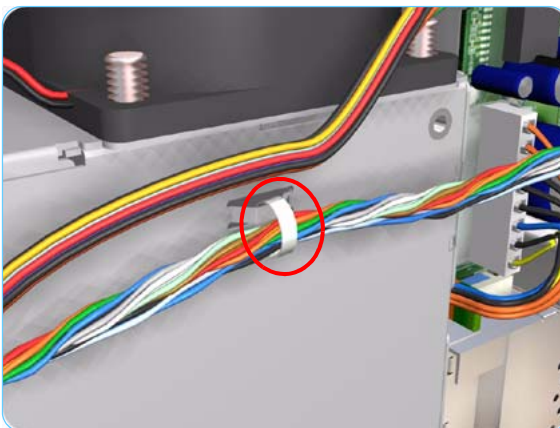
1. Remove the Center Cover ⇒ Page 5.
2. Remove the Right End Cover ⇒ Page 7.
3. Release the Plastic Cover protecting the Electronics Module.

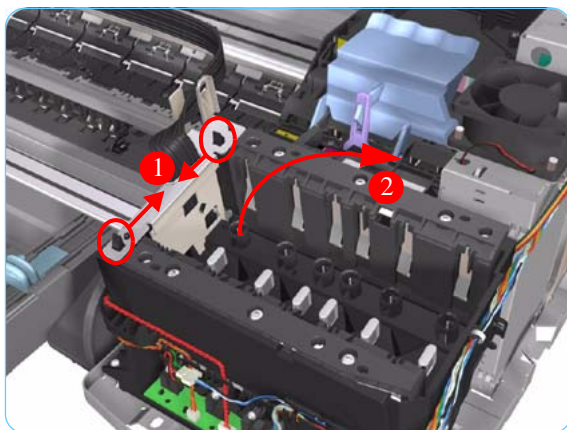


4. Disconnect the Ink Supply Station Cable from the Main PCA.

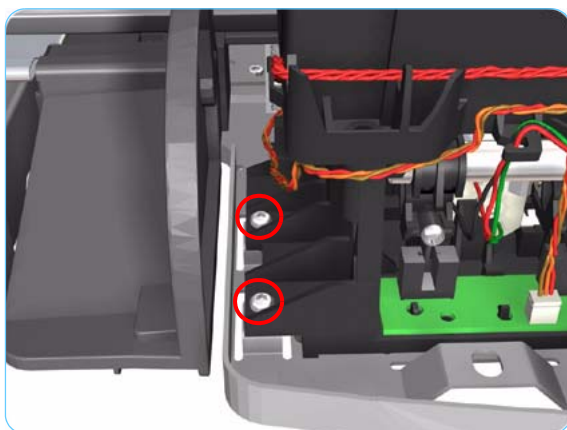


5. Cut the Plastic Tie that secures the Ink Supply Station Cable to the Power Supply Unit.

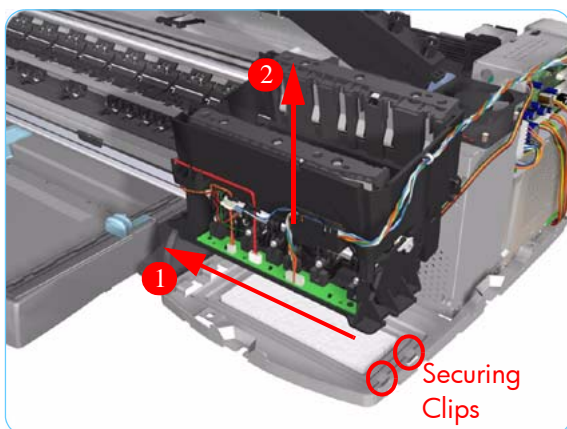




- 6.** Release the Tubes Bracket from the Ink Supply Station by pushing the clips inwards and lifting up the Bracket.



- 7.** Remove 2 T-10 screws that secure the Ink Supply Station.



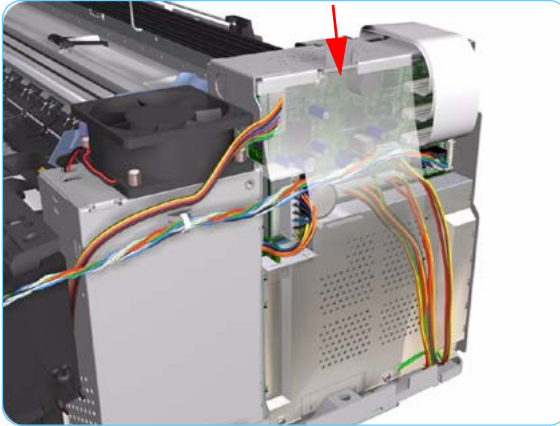
- 8.** Move the Ink Supply Station to the left to release it from the securing clips and then upwards out of the Printer.

Electronics Module

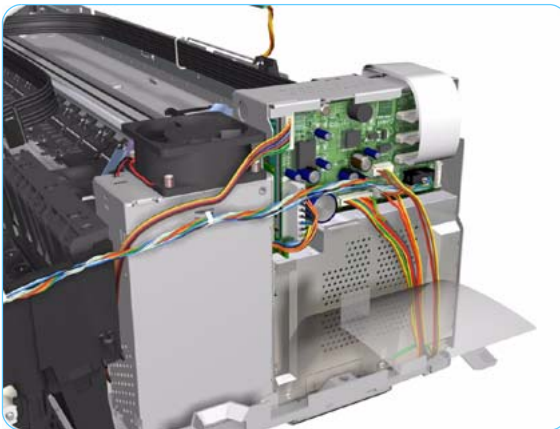
Removal

Switch off the product and remove the power cable.

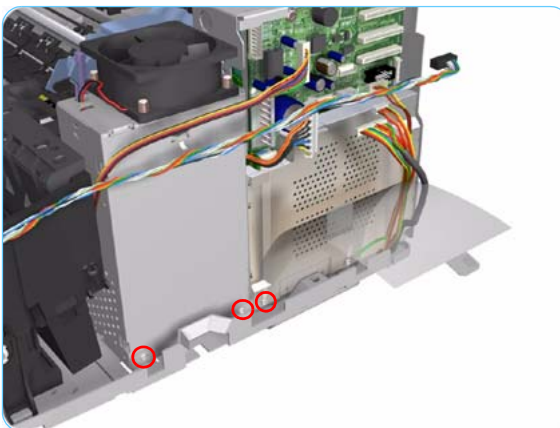
1. Remove the Center Cover ⇒ Page 5.
2. Remove the Right End Cover ⇒ Page 7.
3. Release the Plastic Cover protecting the Electronics Module.

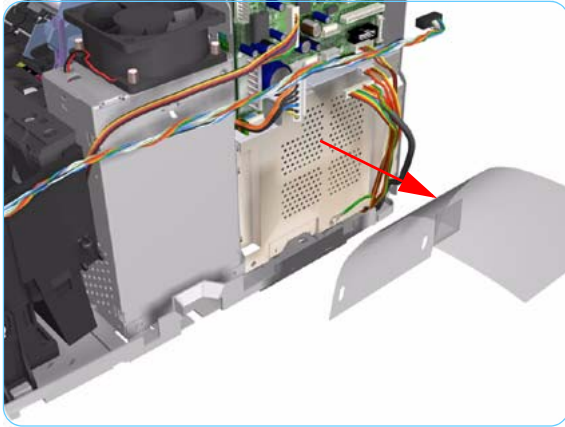


4. Disconnect ALL the cables from the Main PCA.



5. Remove 3 T-10 screws that secure the Electronics Module and the Power Supply Unit to the Printer.

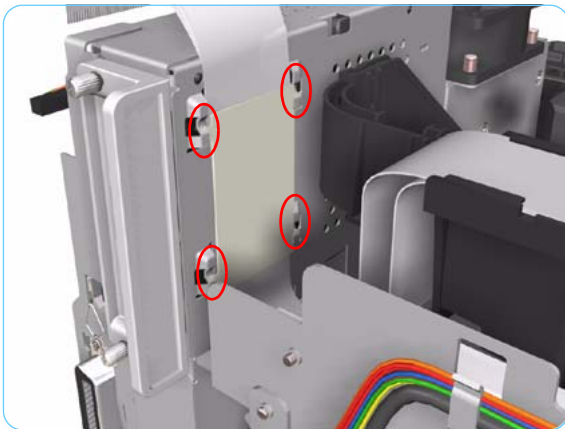




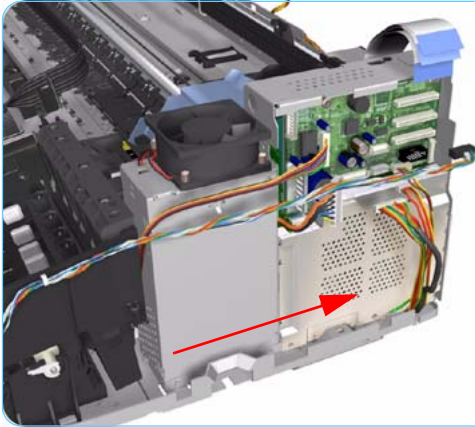
6. Remove the Plastic Cover from the Printer.



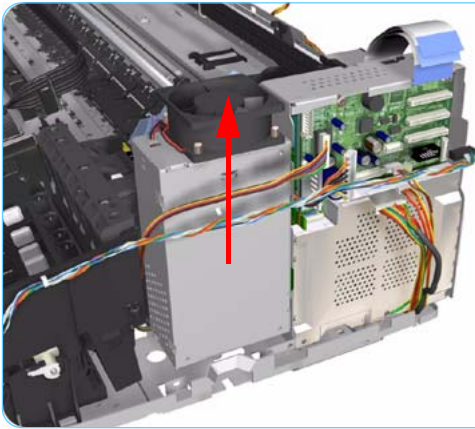
7. Remove 1 T-10 screw that secures the Electronics Module.



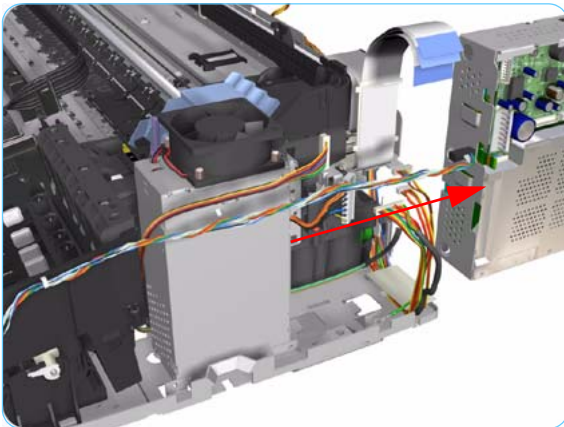
8. Release the plastic sheet that secures the Trailing Cable to the back of the Electronics Module.



9. Slide out the Electronics Module and the Power Supply Unit (**as one assembly**) to the right.



10. Slide the Power Supply Unit upwards to release it from the Electronics Module.



11. Remove the Electronics Module from the Printer.

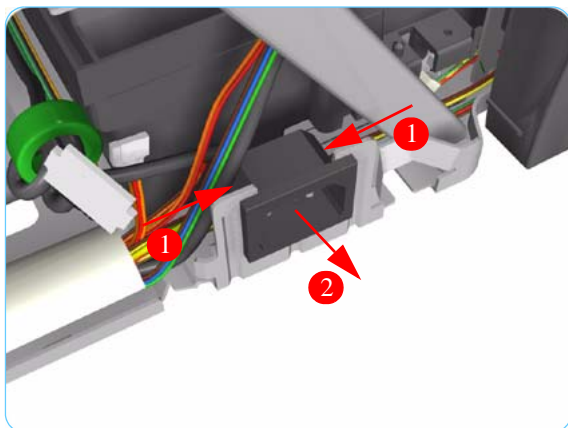
Check if the cable ties need to be cut before separating the Power Supply Unit and the Electronics Module.

Power Supply Unit

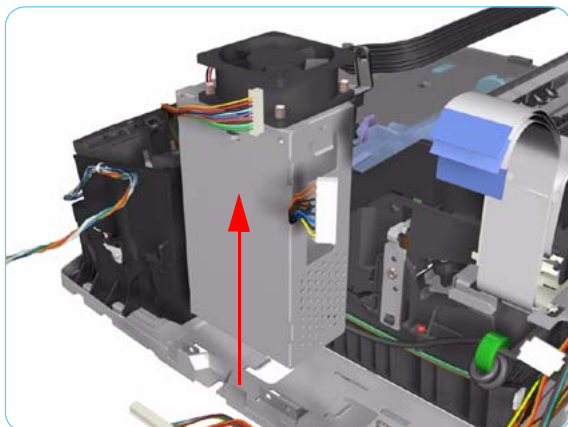
Removal

Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5.
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Electronics Module ⇒ Page 13.
4. Press in the clips on either side and release the Power Socket.



5. Remove the Power Supply from the Printer.

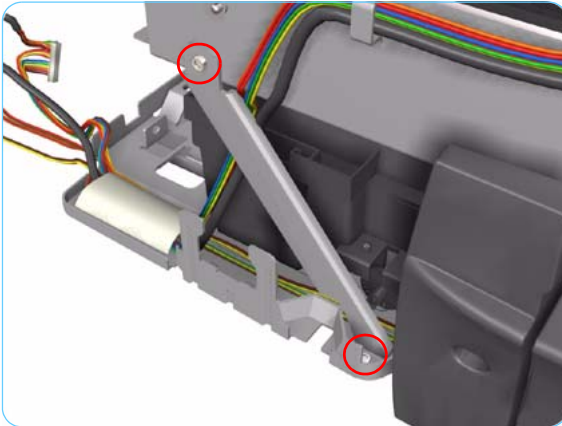


Service Station

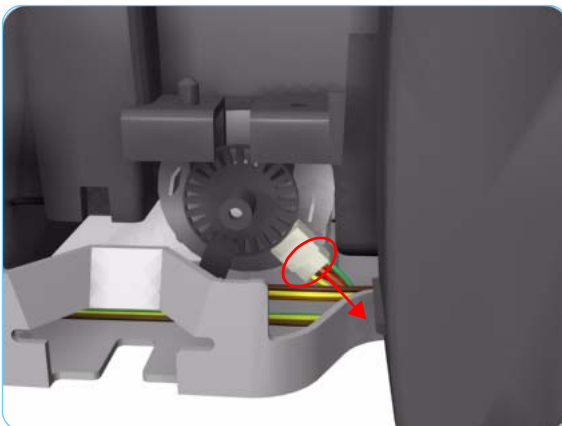
Removal

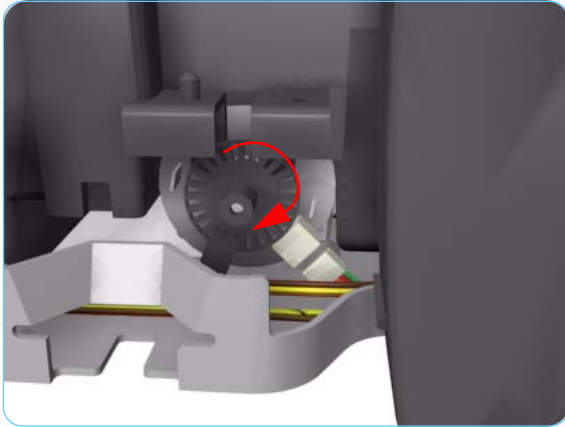
Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5.
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Electronics Module ⇒ Page 13.
4. Remove the Power Supply Unit ⇒ Page 16.
5. Remove 2 screws that secure the Reinforcement Bracket. Remove the Reinforcement Bracket from the Printer.

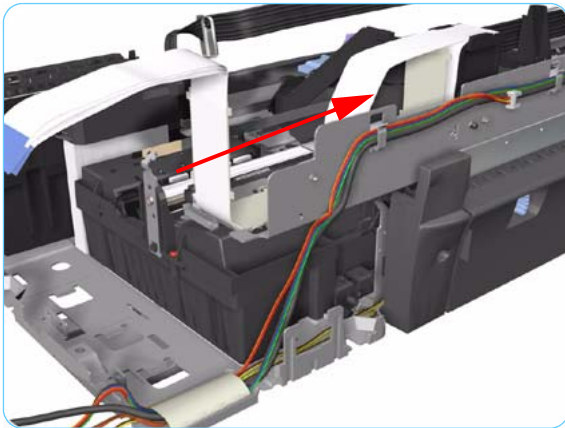


6. Disconnect the Service Station Cable.

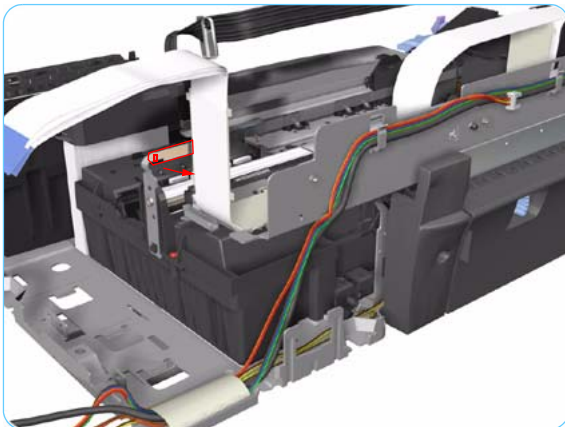




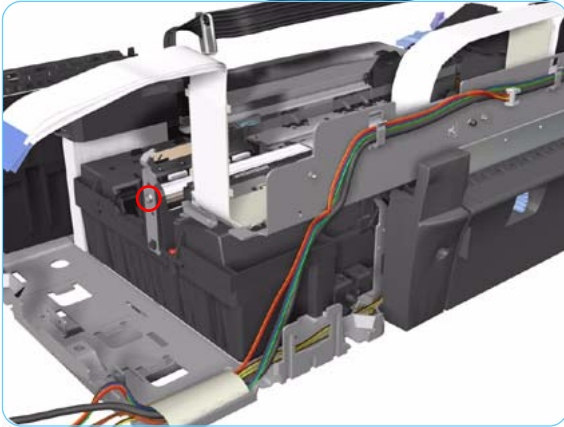
- 7.** Uncap the Carriage Assembly by turning the Service Station Motor clockwise.



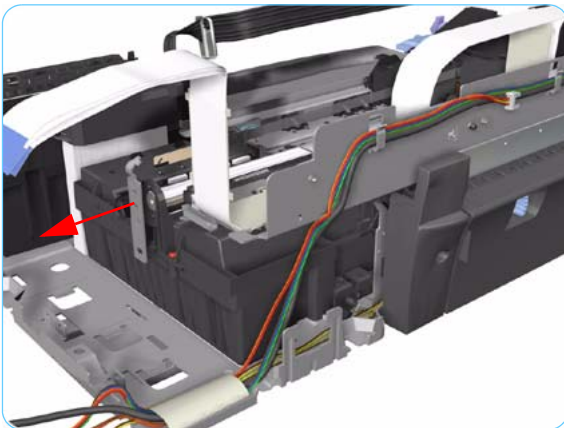
- 8.** Move the Carriage Assembly out of the Service Station.



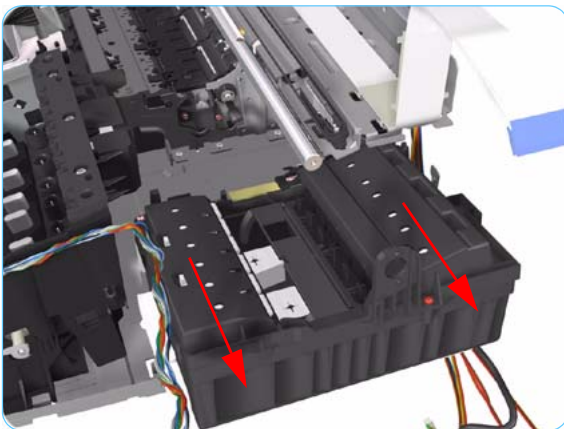
- 9.** Release the Encoder Strip from the Encoder Strip Holder.



- 10.** Remove 1 T-10 screw that secures the Encoder Strip Holder on the right hand side of the Printer.



- 11.** Remove the Encoder Strip Holder from the Printer.



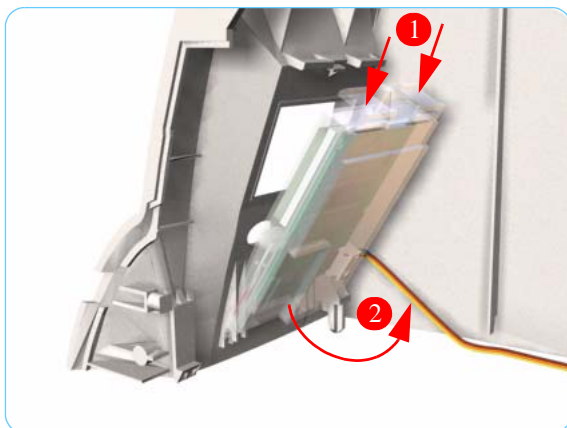
- 12.** Slide the Service Station out of the Printer.

Front Panel

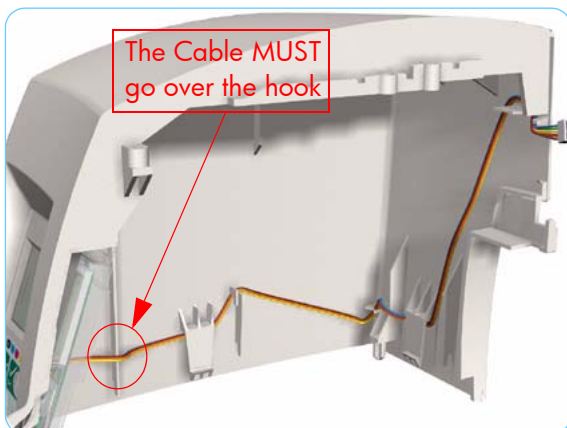
Removal

Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5
2. Remove the Left End Cover ⇒ Page 9.
3. Release the Front Panel from inside the Left Hand Cover.



4. Disconnect the cable from the Front Panel and remove from the Printer.



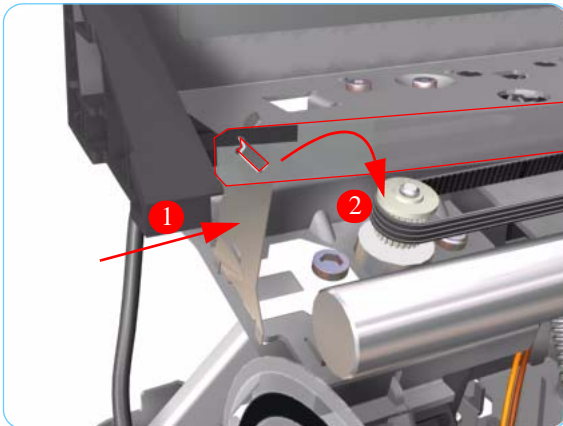
When installing the Front Panel, make sure you route the cable as shown:

Encoder Strip

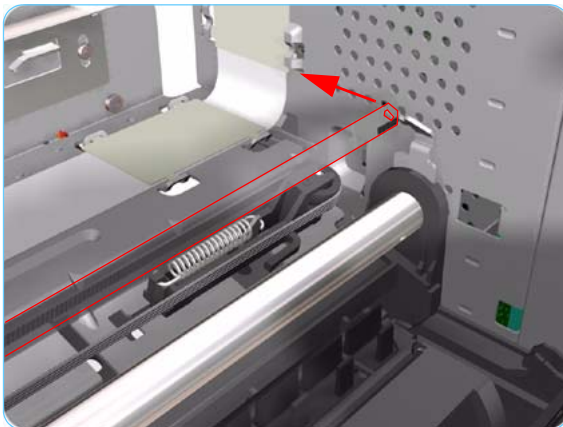
Removal

Switch off the product and remove the power cable.

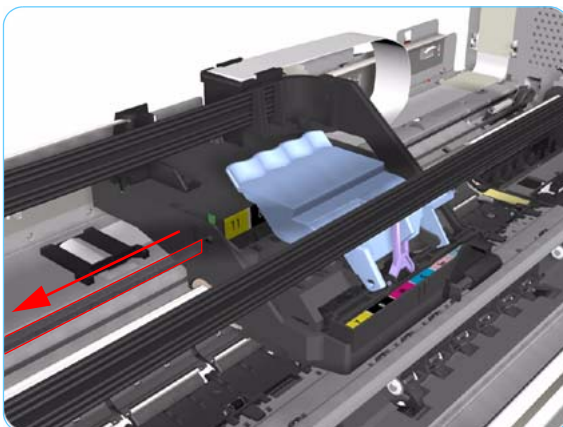
1. Remove the Center Cover ⇒ Page 5
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Left End Cover ⇒ Page 9.
4. Release the Encoder Strip from the left hand side of the Printer.



5. Release the Encoder Strip from the right hand side of the Printer.



6. Gently slide out the Encoder Strip through the Carriage Assembly and remove from the Printer.

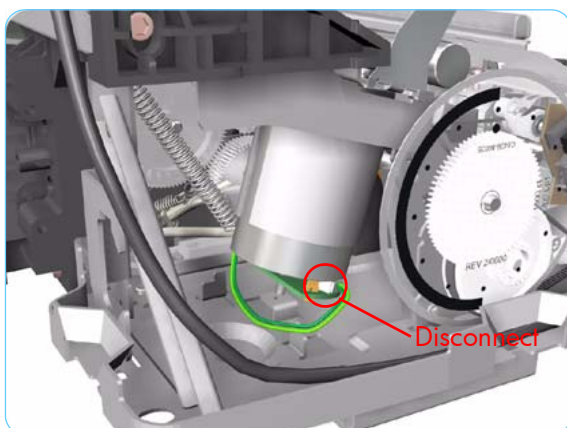


Carriage Motor

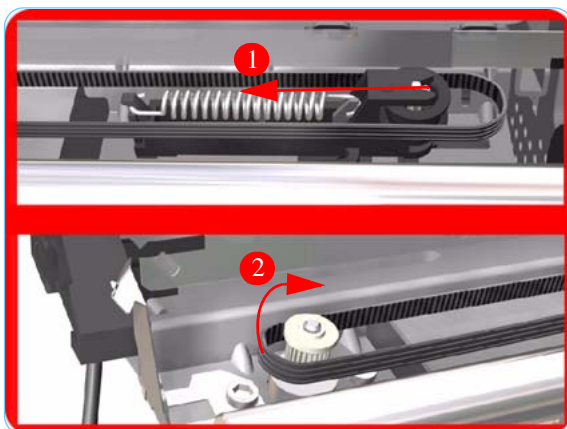
Removal

Switch off the product and remove the power cable.

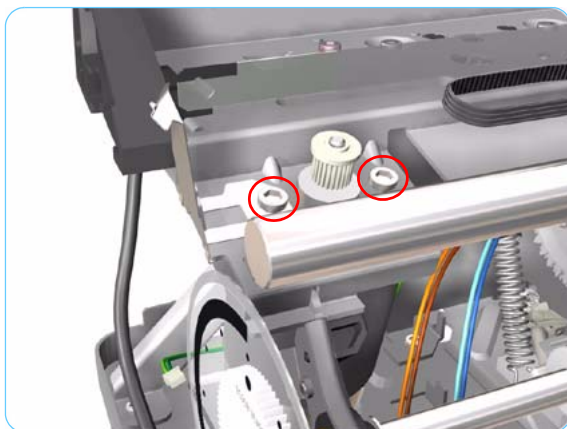
1. Remove the Center Cover ⇒ Page 5
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Left End Cover ⇒ Page 9.
4. Disconnect the cable from the Carriage Motor.

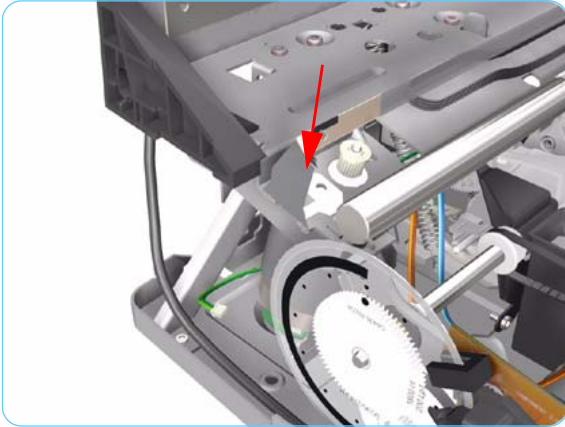


5. Release the Belt from the Carriage Motor by pushing in the Turnaround Assembly (right hand side of the printer) and at the same time releasing the Belt from the Motor on the left hand side of the printer.



6. Remove 2 T-10 screws that secure the Carriage Motor.





7. Remove the Carriage Motor from the Printer (needs to be removed from underneath).

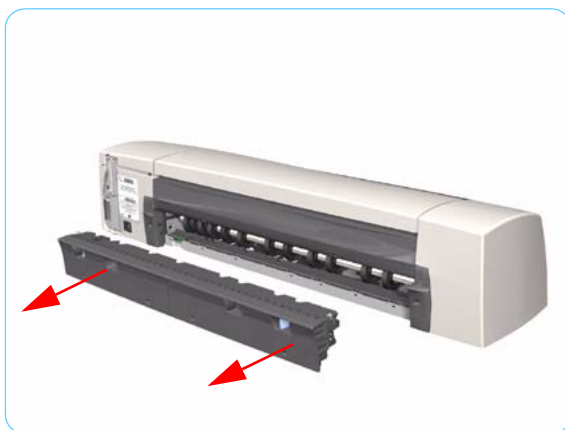
Cleanout Assembly

Removal

Switch off the product and remove the power cable.



1. To release the Cleanout Assembly, push in the 2 buttons on either side.



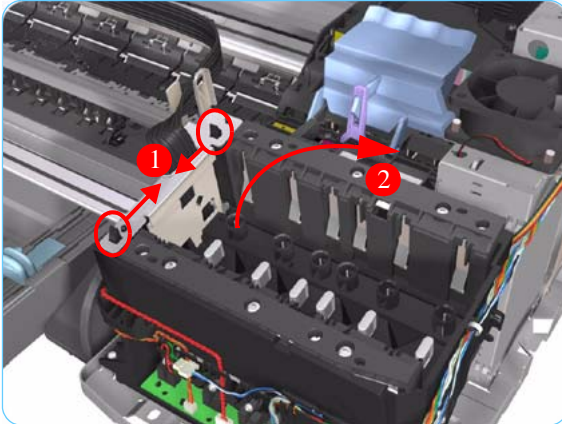
2. Remove the Cleanout Assembly from the Printer.

Ink Supply Tubes

Removal

Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5
2. Remove the Right End Cover ⇒ Page 7.
3. Release the Tubes Bracket from the Ink Supply Station by pushing the clips inwards and lifting the Bracket.

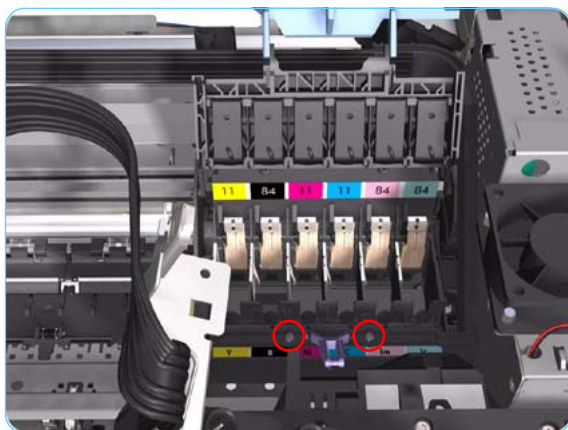


4. Remove 1 T-10 screw that secures the Trailing Cable Support to the Carriage Assembly. Release the Trailing Cable Support from the Carriage Assembly.

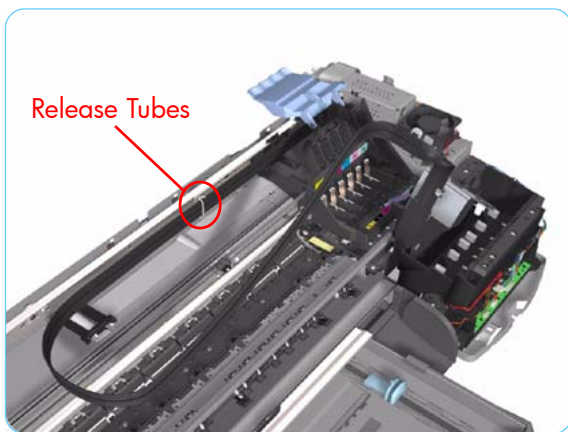


5. Remove 1 T-10 screw that secures the Tube Crane to the Carriage Assembly.

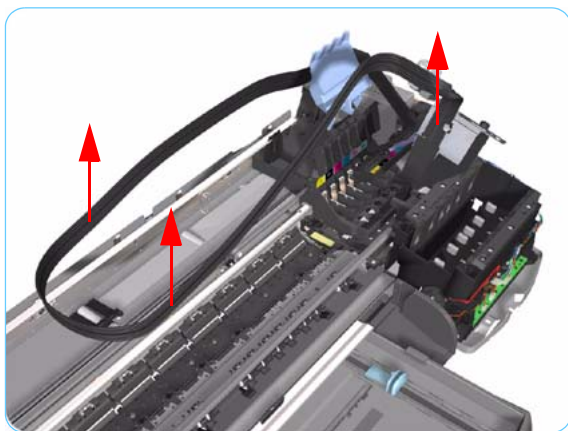




6. Open the Printhead Cover and remove 2 T-8 screws that secure the Tube Crane to the Carriage Assembly.



7. Release the Ink Supply Tubes from the Raceway Holder.



8. Release the Ink Supply Tubes from the Carriage Assembly and remove from the Printer.

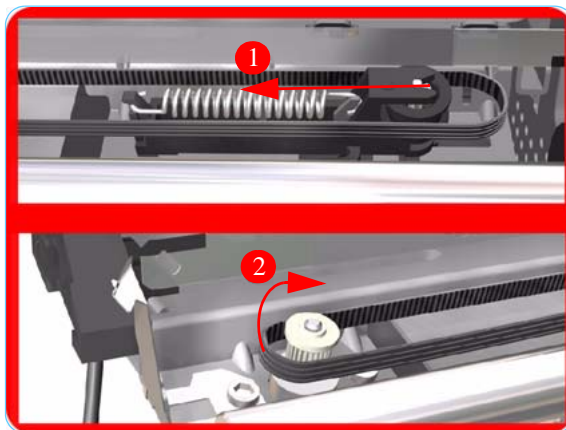
After installing NEW Ink Supply Tubes, make sure that you prime the tubes (Refer to "Set Flag to Prime Tubes" in the "Utilities" Section).

Carriage Assembly (Applicable to DesignJet 120/120nr)

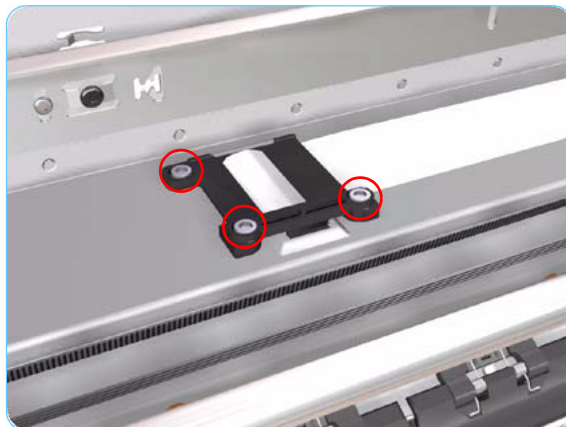
Removal

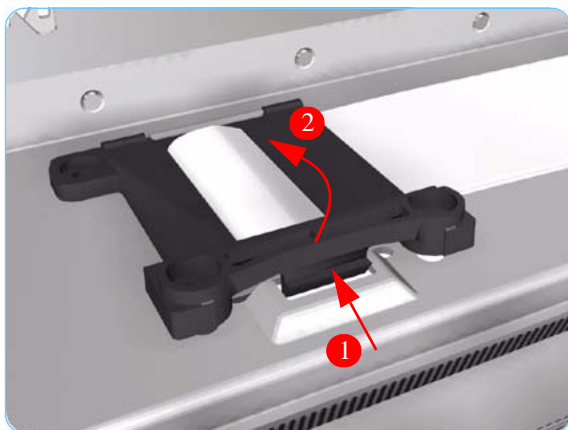
Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Left End Cover ⇒ Page 9.
4. Remove the Electronics Module ⇒ Page 13.
5. Remove the Power Supply Unit ⇒ Page 16.
6. Remove the Service Station ⇒ Page 17.
7. Remove the Ink Supply Tubes ⇒ Page 25.
8. Release the Belt from the Carriage Motor by pushing in the Turnaround Assembly (right hand side of the printer) and at the same time releasing the Belt from the Motor on the left hand side of the printer.

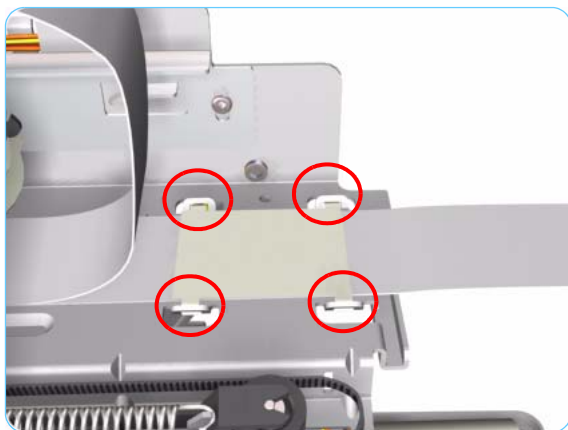


9. Remove 3 T-10 screws that secure the Trailing Cable Clip to the Chassis.

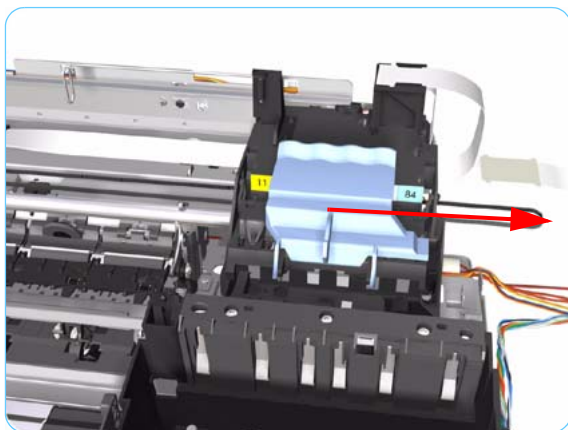




10. Release the Trailing Cable Clip from the Chassis.



11. Release the Trailing Cable from the Chassis.



12. Slide the Carriage Assembly to the right and out of the Printer.

13. If the Carriage Assembly is to be replaced, make sure that you remove the belt (in order to install it on the new carriage). To remove the belt ⇒ Page 33.

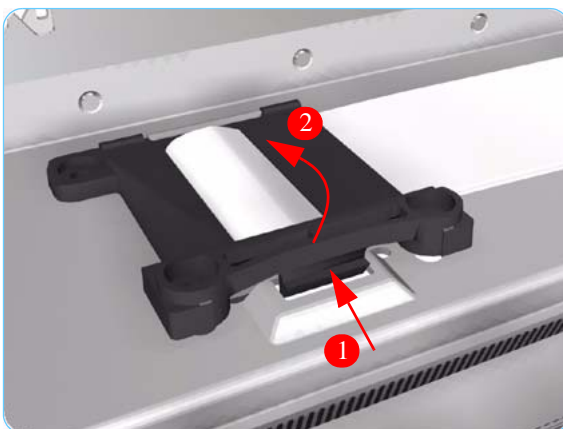
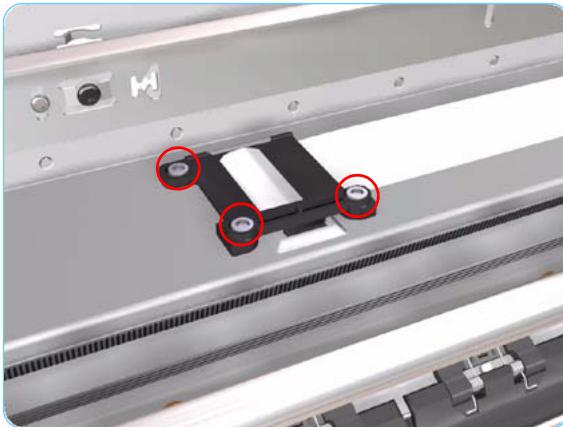
If the Carriage is replaced by a new one, make sure that you perform the PRS Adjustment procedure.

Carriage Assembly (Applicable to DesignJets 90/90r and 130/130nr)

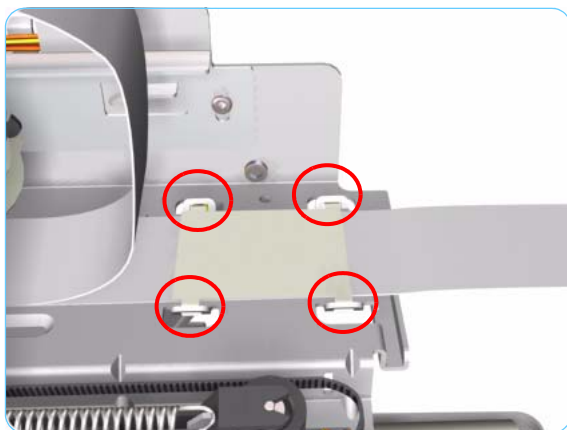
Removal

Switch off the product and remove the power cable.

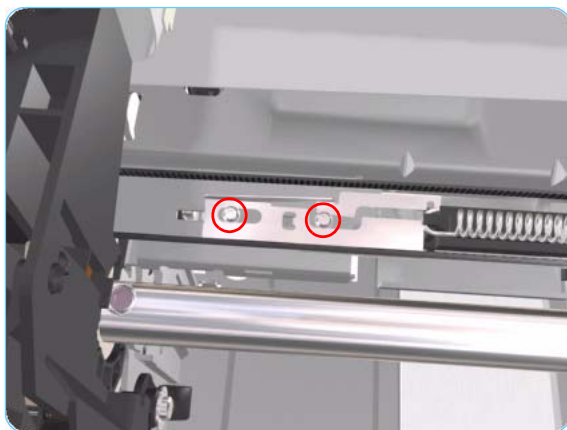
1. Remove the Center Cover ⇒ Page 5
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Left End Cover ⇒ Page 9.
4. Remove the Electronics Module ⇒ Page 13.
5. Remove the Power Supply Unit ⇒ Page 16.
6. Remove the Service Station ⇒ Page 17.
7. Remove the Ink Supply Tubes ⇒ Page 25.
8. Remove 3 T-10 screws that secure the Trailing Cable Clip to the Chassis.



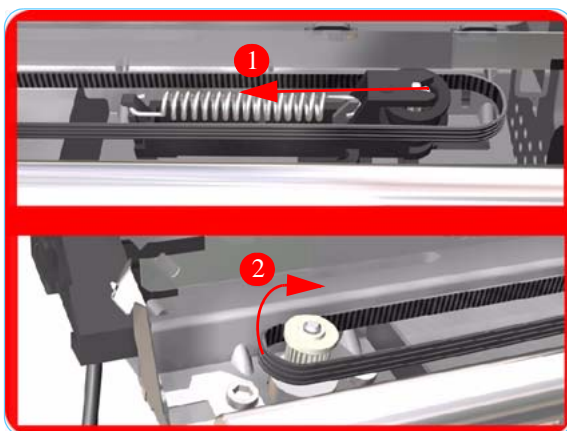
9. Release the Trailing Cable Clip from the Chassis.



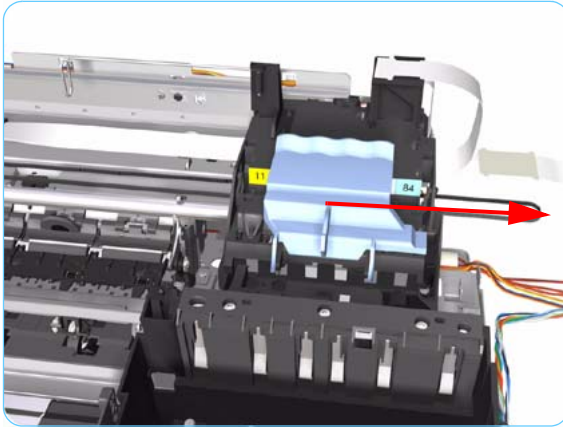
10. Release the Trailing Cable from the Chassis.



11. Remove 2 T-10 screws that secure the Turnaround Stopper. Remove the Turnaround Stopper from the Printer.



12. Release the Belt from the Carriage Motor by pushing in the Turnaround Assembly (right hand side of the printer) and at the same time releasing the Belt from the Motor on the left hand side of the printer.



- 13.** Slide the Carriage Assembly to the right and out of the Printer.
- 14.** If the Carriage Assembly is to be replaced, make sure that you remove the belt (in order to install it on the new carriage). To remove the belt ⇒ Page 33.

If the Carriage is replaced by a new one, make sure that you perform the PRS Adjustment procedure.

Installation of the Carriage Assembly - IMPORTANT

After re-installing the Carriage Assembly and Belt, take note of these steps for the correct installation of the Turnaround Stopper. These steps must be followed in exactly the same sequence:



- 1.** Place the Turnaround Stopper in to position and locate the slot in the Stopper on to the Turnaround Assembly. This step is very important since it will determine the space between the Stopper and the Turnaround Assembly.



- 2.** Insert the first screw (left) and tighten it.



3. Insert the 2nd screw (right) and tighten it. As you tighten the screw you should notice that the slot in the Stopper will rise away from the Turnaround Assembly.

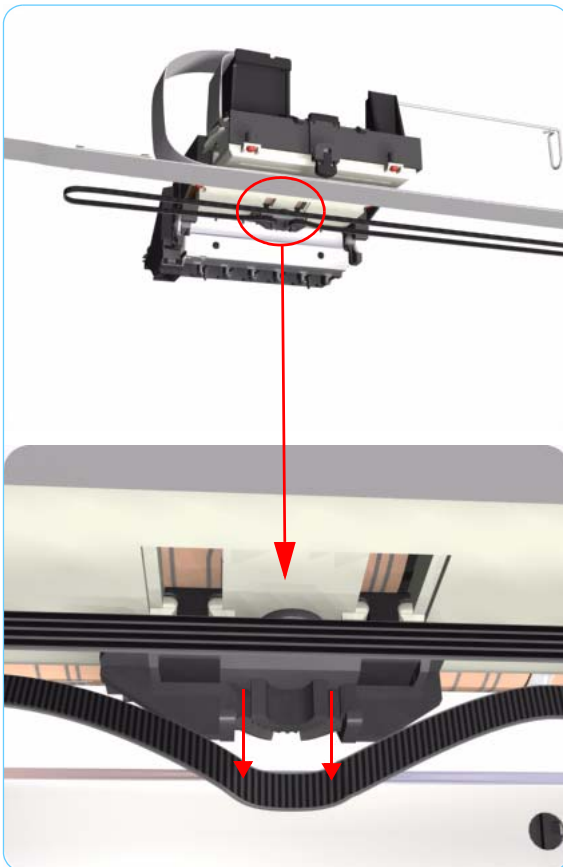
After the installation of the Carriage Assembly and the Turnaround Stopper, you must first check that the Cutter cuts the media correctly (if the Printer has the Rollfeed and Cutter installed).

Carriage Belt

Removal

Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Electronics Module ⇒ Page 13.
4. Remove the Power Supply Unit ⇒ Page 16.
5. Remove the Service Station ⇒ Page 17.
6. Remove the Ink Supply Tubes ⇒ Page 25.
7. Remove the Carriage Assembly ⇒ Page 27.
8. Release the Belt from the bottom of the Carriage Assembly.

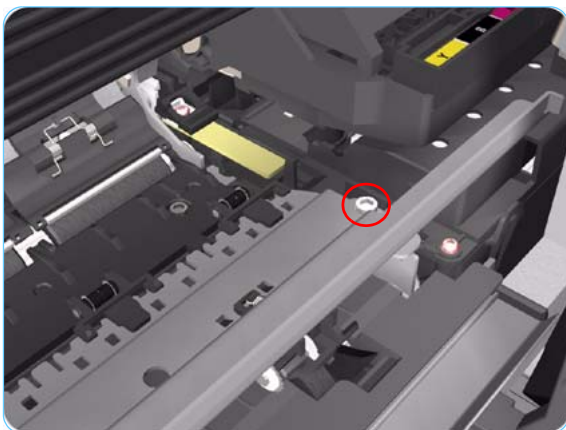


Starwheel Assembly

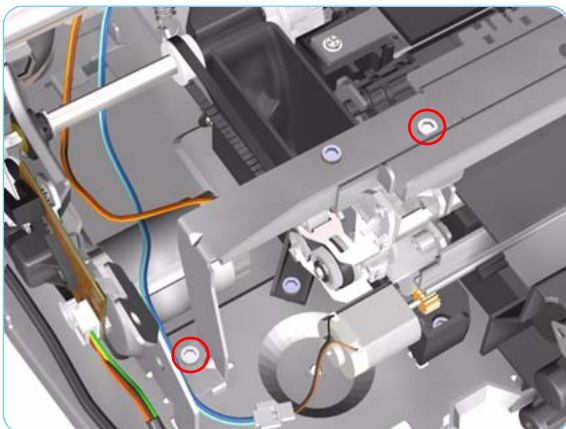
Removal

Switch off the product and remove the power cable.

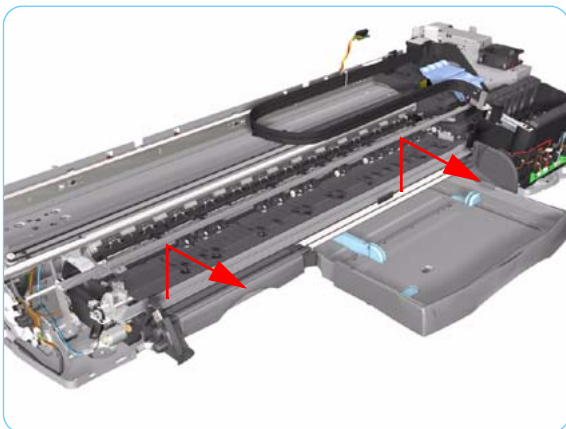
1. Remove the Center Cover ⇒ Page 5.
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Left End Cover ⇒ Page 9.
4. Remove 1 T-10 screw that secures the Starwheel Assembly to the right hand side of the printer.



5. Remove 2 T-10 screws that secure the Starwheel Assembly to the left hand side of the printer.



6. Remove the Starwheel Assembly.

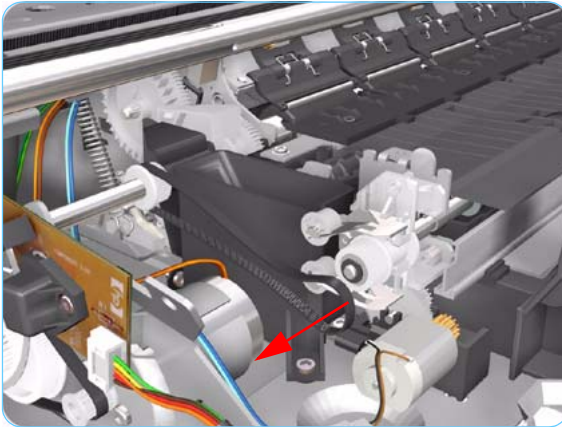


Print Platen Assembly

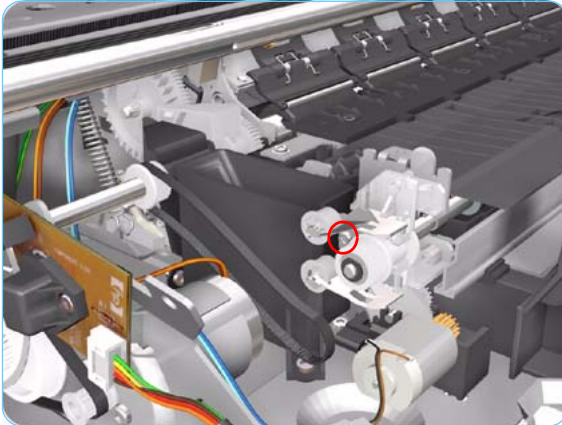
Removal

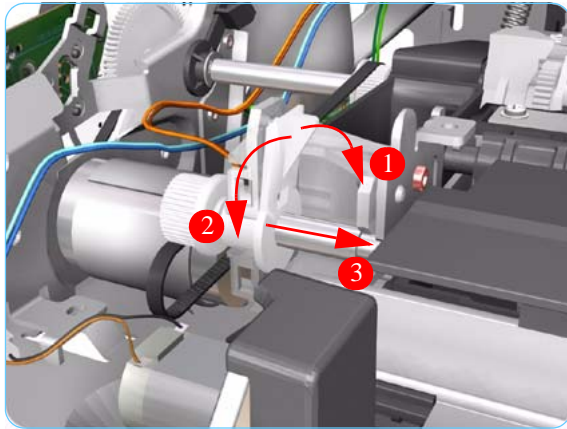
Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5.
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Left End Cover ⇒ Page 9.
4. Remove the Starwheel Assembly ⇒ Page 34.
5. Release the Belt from the Print Platen Assembly.

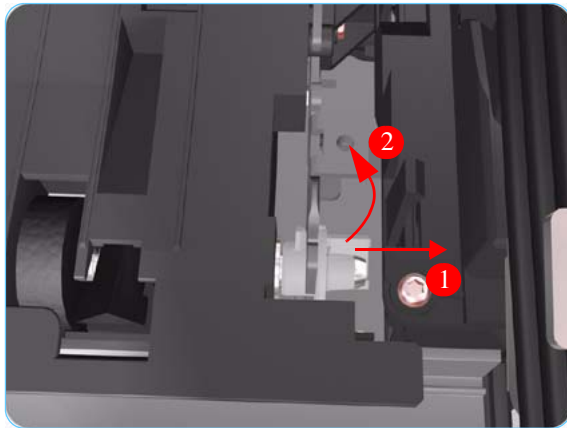


6. Remove 1 T-10 screw that secures the Spring Idler. Remove the Spring Idler from the Printer.

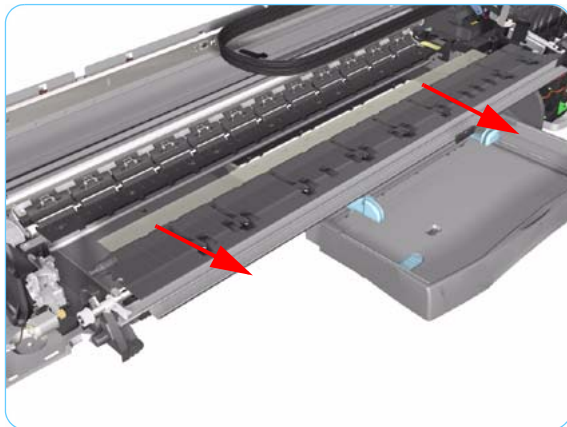




- 7.** Release the locking mechanism from the left hand side of the Printer.



- 8.** Release the locking mechanism from the right hand side of the Printer.



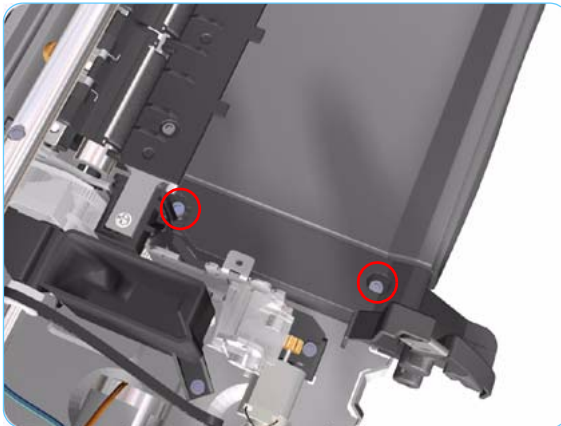
- 9.** Slide out the complete Print Platen Assembly.

Ramp Motor Assembly

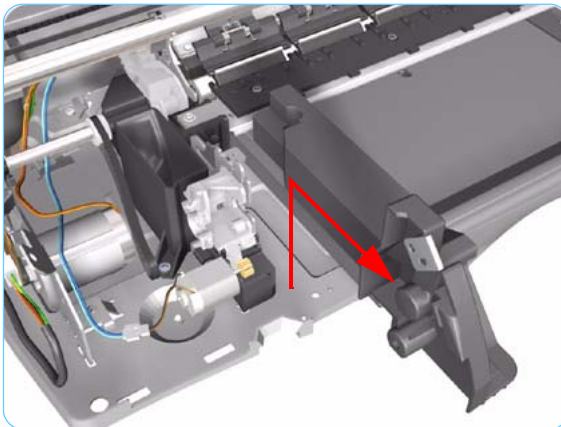
Removal

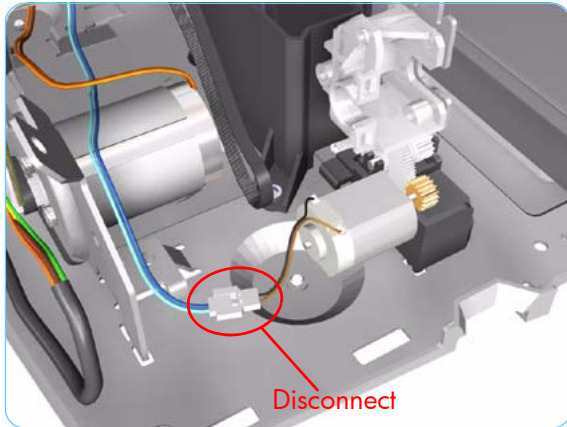
Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5.
2. Remove the Left End Cover ⇒ Page 9.
3. Remove the Starwheel Assembly ⇒ Page 34.
4. Remove the Print Platen Assembly ⇒ Page 35.
5. Remove 2 T-10 screws that secure the Front Left Bracket.

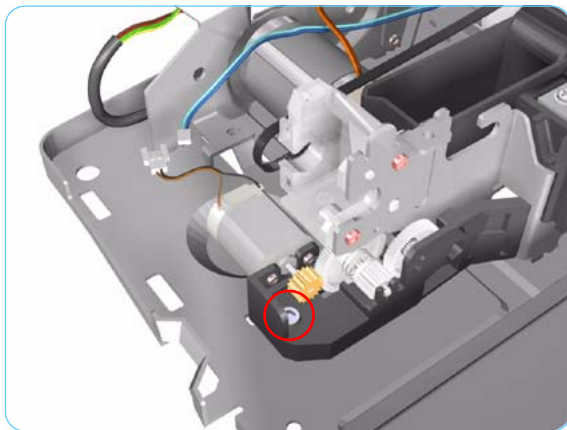


6. Remove the Front Left Bracket from the Printer.

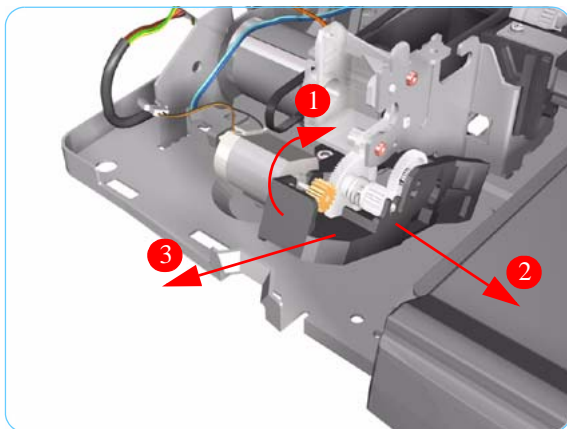




7. Disconnect the Ramp Motor cable.



8. Remove 1 T-10 screw from the Ramp Motor Assembly.



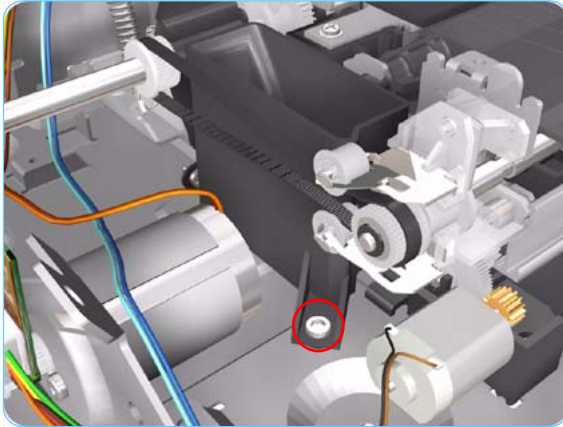
9. Remove the Ramp Motor Assembly from the Printer.

Spittoon (If Installed in the Printer)

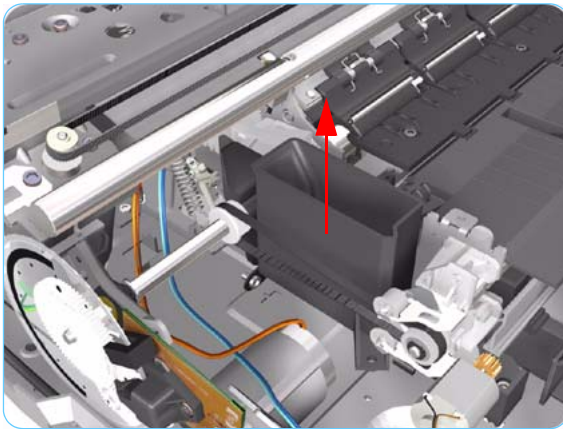
Removal

Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5.
2. Remove the Left End Cover ⇒ Page 9.
3. Remove the Starwheel Assembly ⇒ Page 34.
4. Remove 1 T-10 screw that secures the Spittoon.



5. Remove the Spittoon from the Printer.

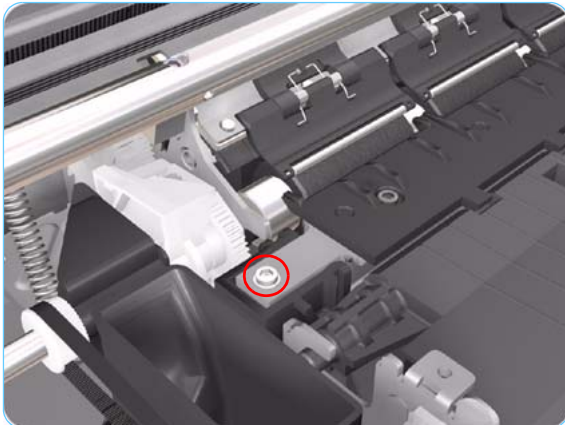


Pivot Assembly

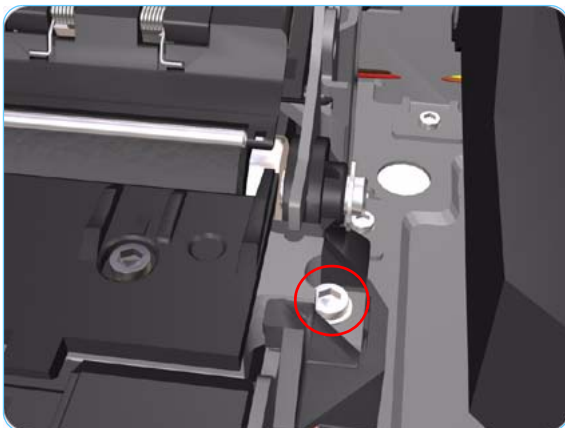
Removal

Switch off the product and remove the power cable.

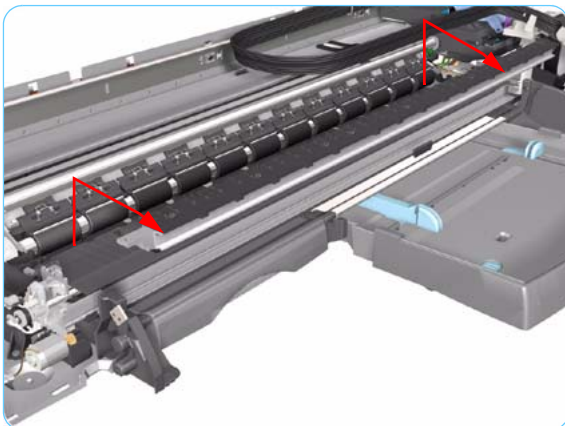
1. Remove the Center Cover ⇒ Page 5.
2. Remove the Left End Cover ⇒ Page 9.
3. Remove the Right End Cover ⇒ Page 7.
4. Remove the Starwheel Assy ⇒ Page 34.
5. Remove 1 T-8 screw and washer that secure the Pivot Assembly on the left hand side of the Printer.



6. Remove 1 T-8 screw and washer that secure the Pivot Assembly on the right hand side of the Printer.



7. Remove the Pivot Assembly from the Printer.



After removing or replacing the Pivot Assembly, make sure that you perform the PRS Adjustment procedure.

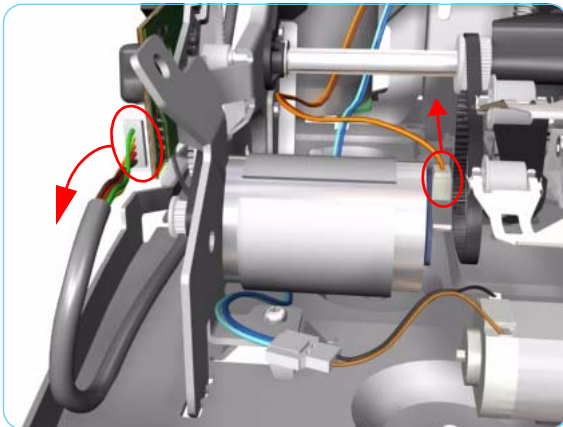
Make sure you use NEW screws to install the Pivot Assembly when it has been removed or replaced.

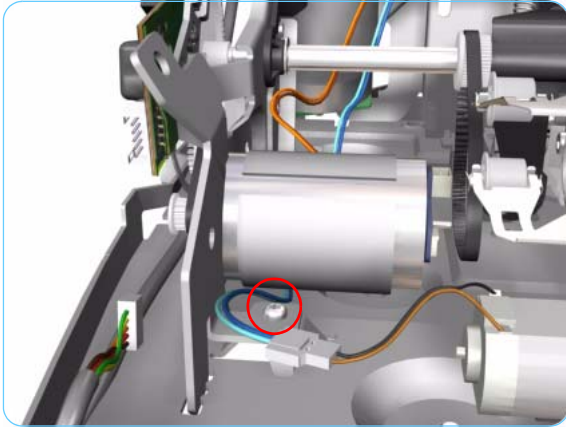
Feed Roller Assembly

Removal

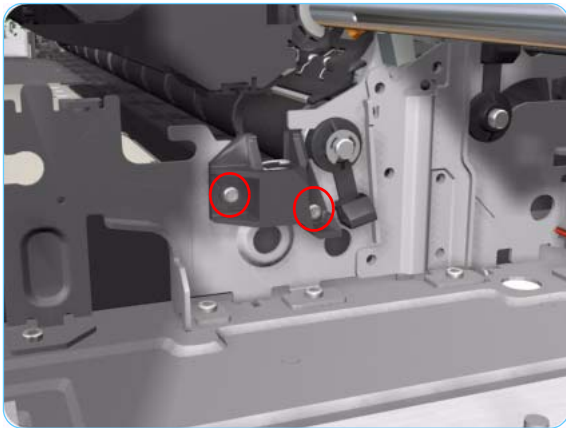
Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Left End Cover ⇒ Page 9.
4. Remove the Electronics Module ⇒ Page 13.
5. Remove the Power Supply Unit ⇒ Page 16.
6. Remove the Service Station ⇒ Page 17.
7. Remove the Starwheel Assembly ⇒ Page 34.
8. Remove the Print Platen Assembly ⇒ Page 35.
9. Remove the Spittoon (if installed) ⇒ Page 39.
10. Remove the Pivot Assembly ⇒ Page 40.
11. Disconnect the Paper-Axis and Encoder cables.

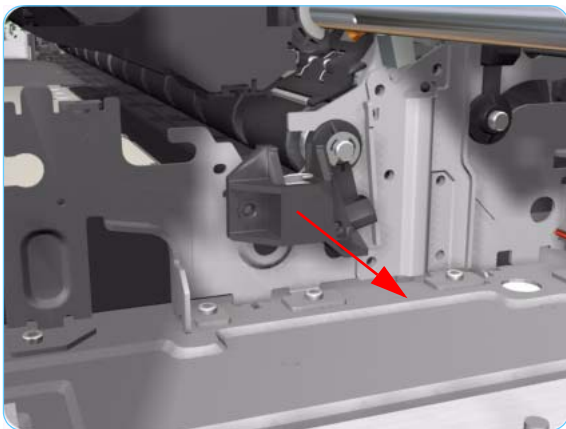




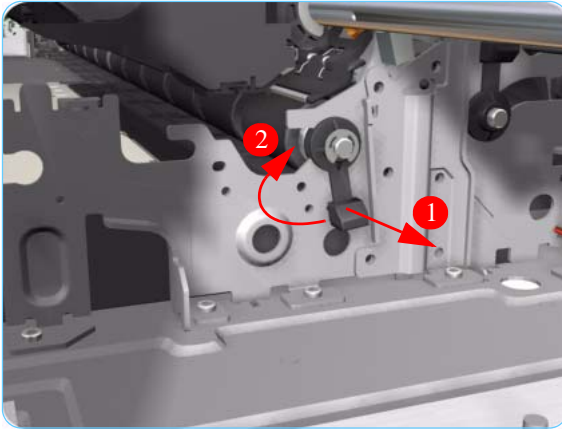
- 12.** Remove 1 T-10 screw that secures the Paper-Axis Motor Mount.



- 13.** Remove 2 T-10 screws that secure the Pivot Assembly Support on the right hand side of the Printer.



- 14.** Remove the Pivot Assembly Support from the Printer.



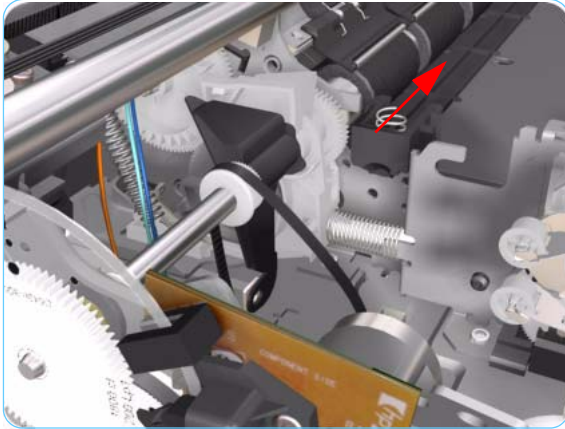
- 15.** Release the locking mechanism from the right hand side of the Printer.



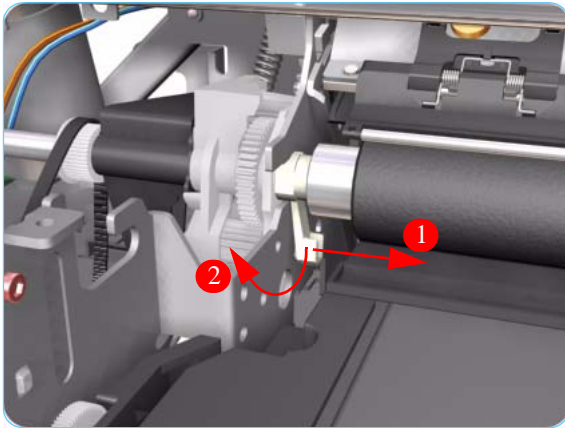
- 16.** Remove 1 T-10 screw and nut that secures the Feed-Roller Support on the left hand side of the Printer.



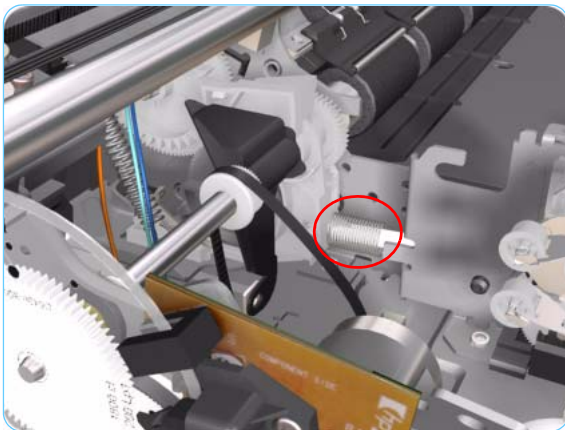
- 17.** Remove 2 T-10 screws that secure the bracket on the left hand side of the Printer.



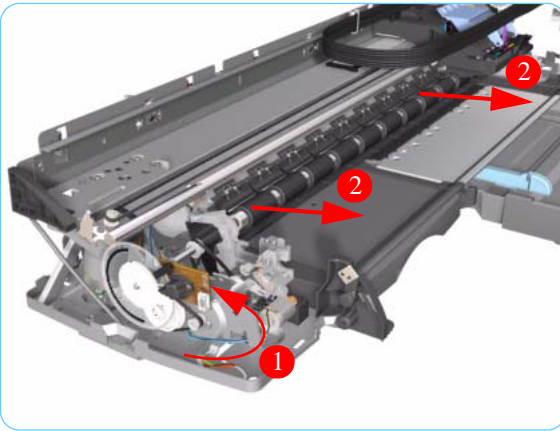
18. Remove the Bracket from the Printer.



19. Release the locking mechanism from the left hand side of the Printer.



20. Release the Spring from the Bracket.



- 21.** Raise the locks so that they are aligned with the cutouts and lift out the Feed Roller Assembly (including the Paper-Axis Motor) from the Printer.

After removing or replacing the Feed Roller Assembly, make sure that you perform the PRS Adjustment procedure and the Accuracy Calibration.

Pick Assembly

Removal

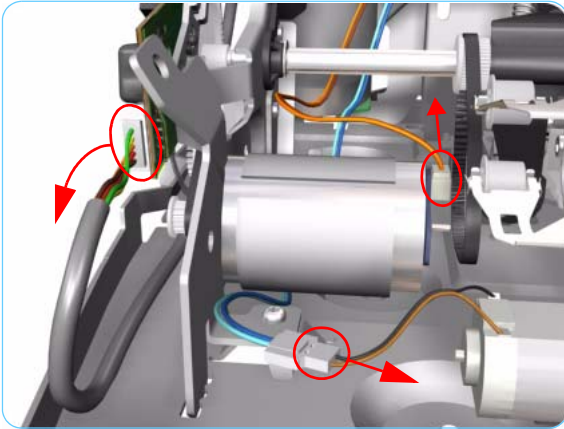
Switch off the product and remove the power cable.

1. Remove the Cleanout Assembly ⇒ Page 24.
2. Remove the Center Cover ⇒ Page 5
3. Remove the Right End Cover ⇒ Page 7.
4. Remove the Left End Cover ⇒ Page 9.
5. Remove the Electronics Module ⇒ Page 13.
6. Remove the Power Supply Unit ⇒ Page 16.
7. Remove the Service Station ⇒ Page 17.
8. Remove the Encoder Strip ⇒ Page 21.
9. Remove the Ink Supply Tubes ⇒ Page 25.
10. Remove the Carriage Assembly ⇒ Page 27.
11. Remove 4 screws that secure the Hanger Assembly on the left hand side of the Printer.



12. Remove 1 screw that secures the Hanger Assembly on the left hand side of the Printer.

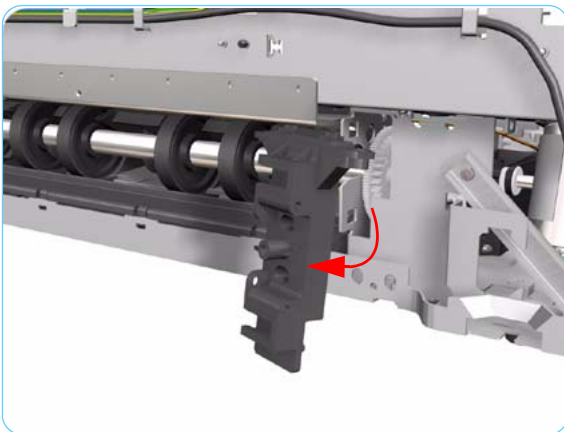




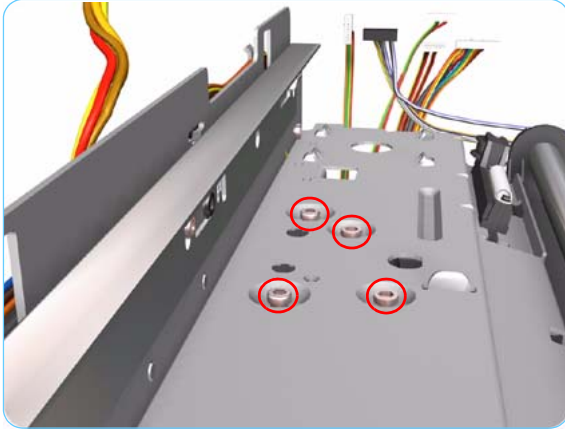
- 13.** Disconnect the Paper-Axis, Encoder and Ramp Motor cables.



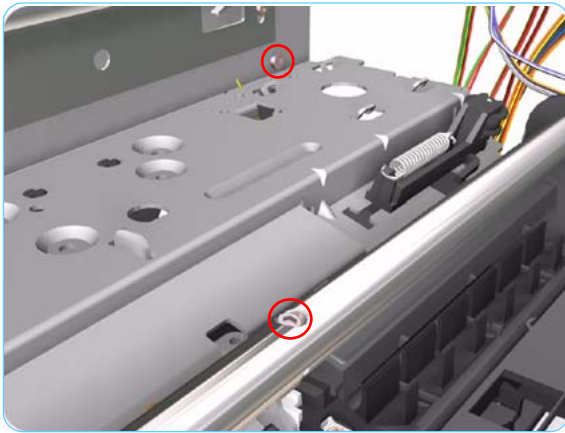
- 14.** Remove 1 screw from the Rear Left Trim Bracket.



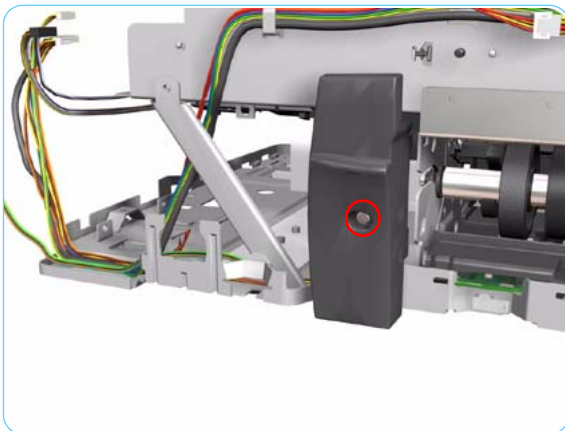
- 15.** Remove the Rear Left Trim Bracket from the Printer.



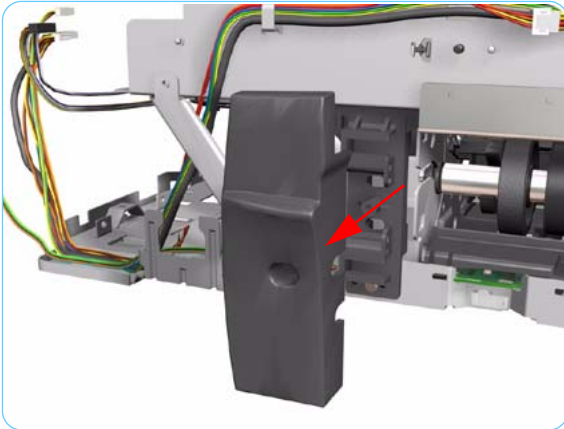
- 16.** Remove 4 screws that secure the Hanger Assembly on the right hand side of the Printer.



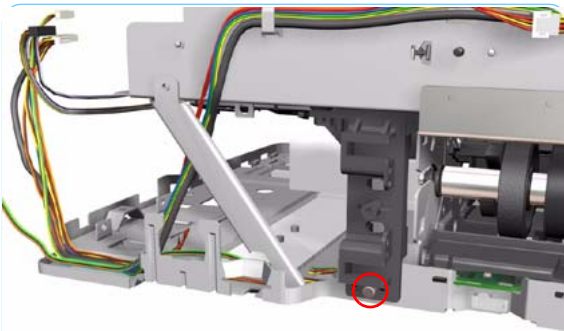
- 17.** Remove 2 screws that secure the Hanger Assembly on the right hand side of the Printer.



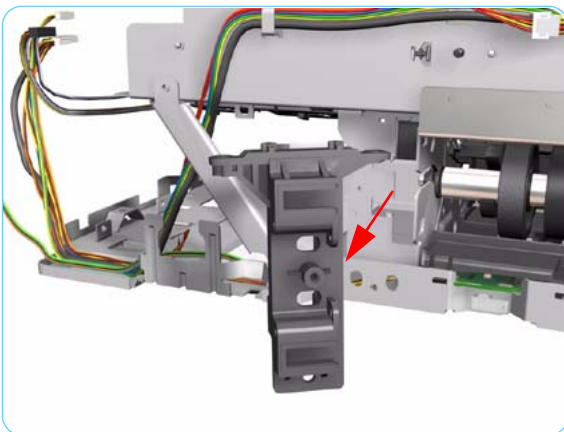
- 18.** Remove 1 T-10 screw from the Rear Right Trim.



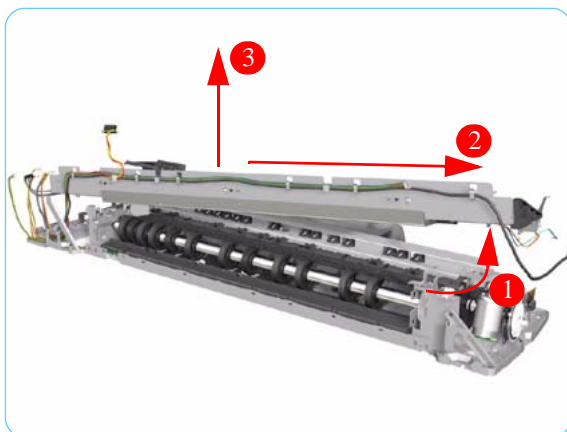
19. Remove the Rear Right Trim from the Printer.



20. Remove 1 screw from the Rear Right Trim Bracket.

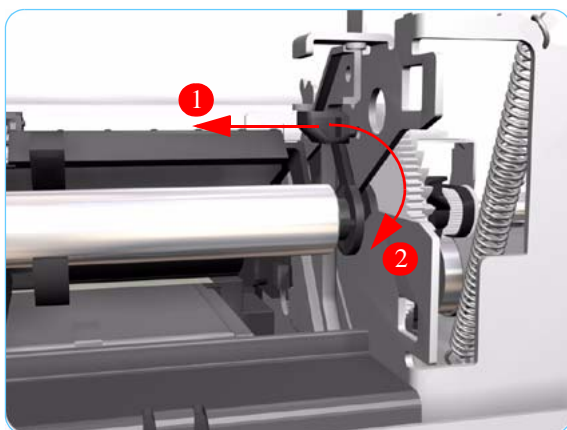


21. Remove the Rear Right Trim Bracket from the Printer.

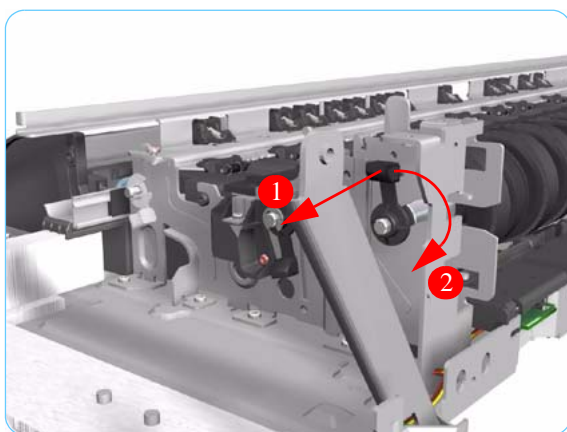


22. Remove the Hanger Assembly from the Printer.

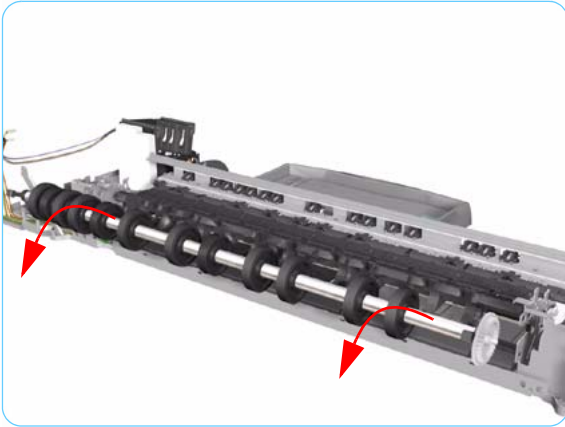
If there are any cables still attached between the Hanger Assembly and the Printer then disconnect them before removing the Hanger Assembly.



23. Release the locking mechanism that secures the Pick Assembly on the right hand side of the printer (looking from the rear).



24. Release the locking mechanism that secures the Pick Assembly on the left hand side of the printer (looking from the rear)



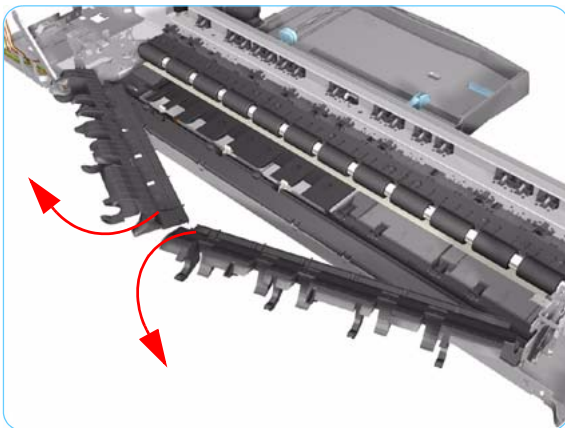
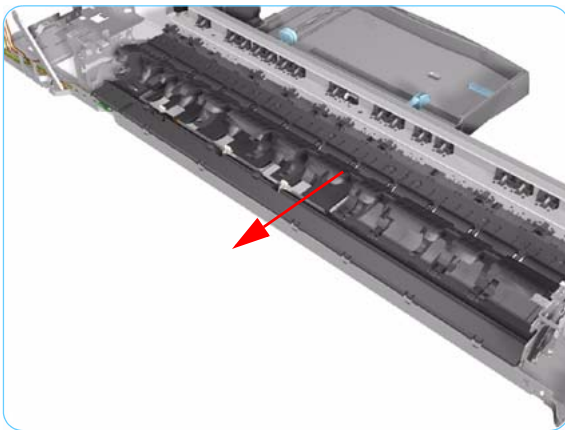
- 25.** Raise the locks so that they are aligned with the cutouts and lift out the Pick Assembly from the Printer.

Inner Paper Guide

Removal

Switch off the product and remove the power cable.

1. Remove the Cleanout Assembly ⇒ Page 24.
2. Remove the Top Cover ⇒ Page 4.
3. Remove the Center Cover ⇒ Page 5
4. Remove the Right End Cover ⇒ Page 7.
5. Remove the Left End Cover ⇒ Page 9.
6. Remove the Electronics Module ⇒ Page 13.
7. Remove the Power Supply Unit ⇒ Page 16.
8. Remove the Service Station ⇒ Page 17.
9. Remove the Encoder Strip ⇒ Page 21.
10. Remove the Ink Supply Tubes ⇒ Page 25.
11. Remove the Carriage Assembly ⇒ Page 27.
12. Remove the Pick Assembly ⇒ Page 46.
13. Pull the Inner Paper Guide from the middle to release it from the Printer.



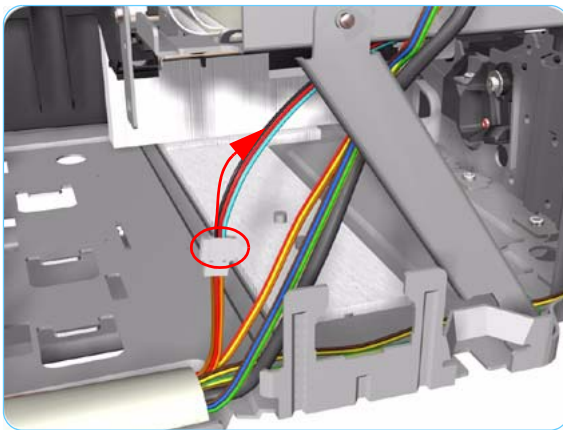
14. Remove both pieces of the Inner Paper Guide from the Printer.

OOPS Sensor

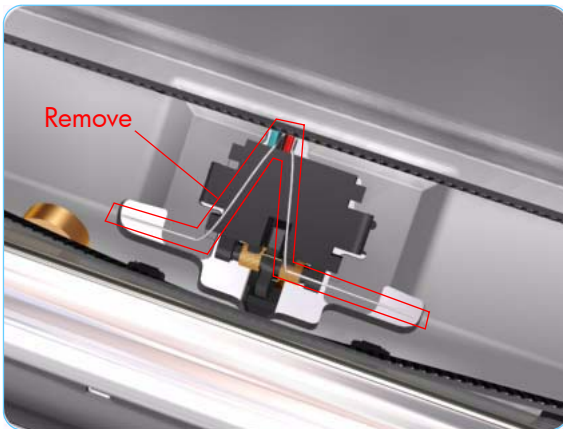
Removal

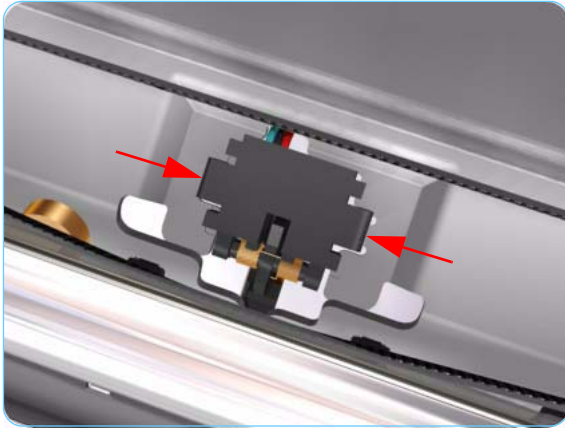
Switch off the product and remove the power cable.

1. Remove the Center Cover ⇒ Page 5.
2. Remove the Right End Cover ⇒ Page 7.
3. Remove the Electronics Module ⇒ Page 13.
4. Remove the Power Supply Unit ⇒ Page 16.
5. Remove the Service Station ⇒ Page 17.
6. Disconnect the OOPS Sensor Cable.

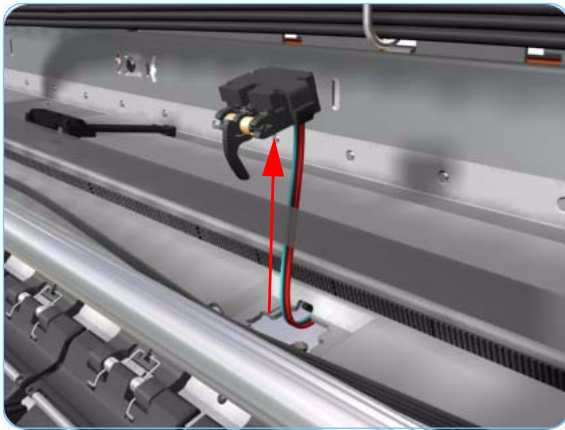


7. Remove the Spring that secures the OOPS Sensor.





8. Press the OOPS Sensor clips inwards to release it.



9. Remove the OOPS Sensor (including the cable) from the Printer.

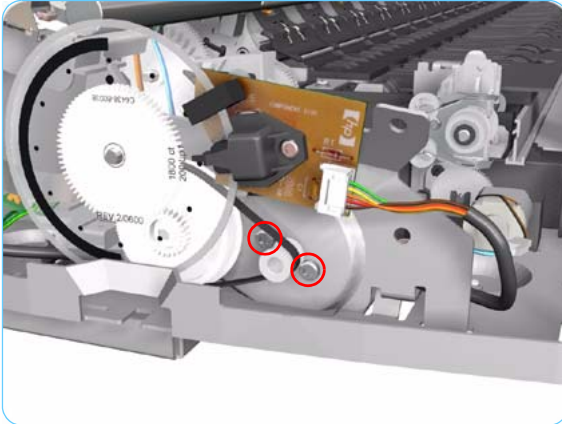
Check if any Cable Ties need to be cut before removing the OOPS Sensor.

Paper-Axis Motor Assembly

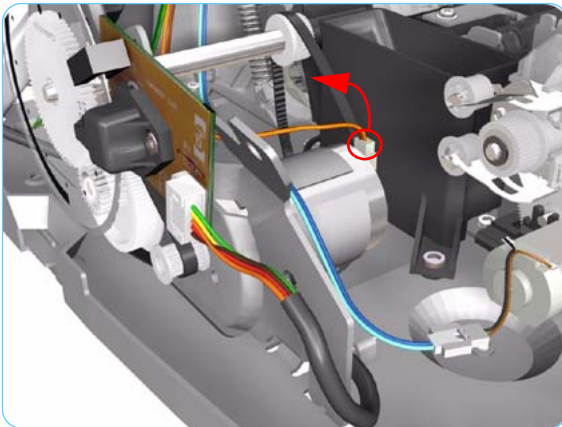
Removal

Switch off the product and remove the power cable.

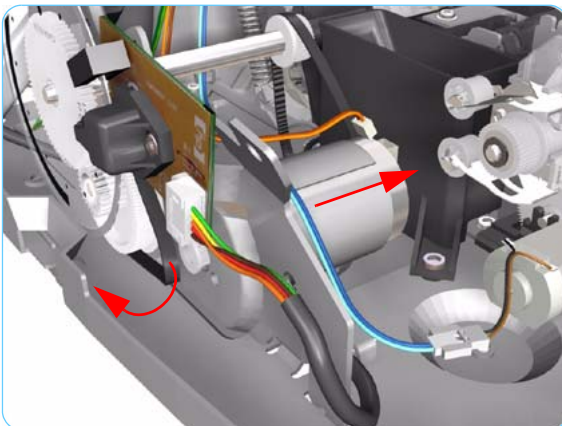
1. Remove the Center Cover ⇒ Page 5.
2. Remove the Left End Cover ⇒ Page 9.
3. Remove 2 T-10 screws that secure the Paper-Axis Motor Assembly.



4. Disconnect the Paper-Axis Motor cable.



5. Release the belt from the Paper-Axis Motor. Remove the Paper-Axis Motor Assembly from the Printer.

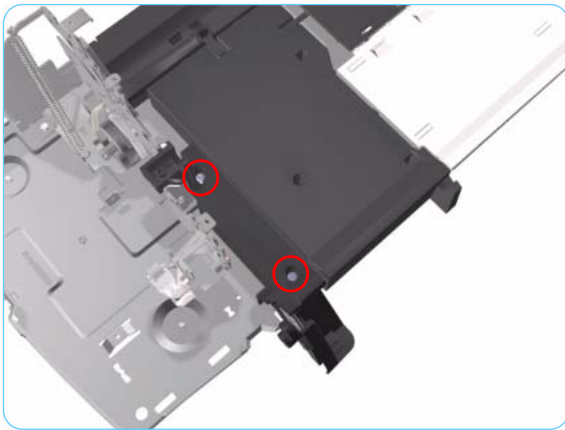


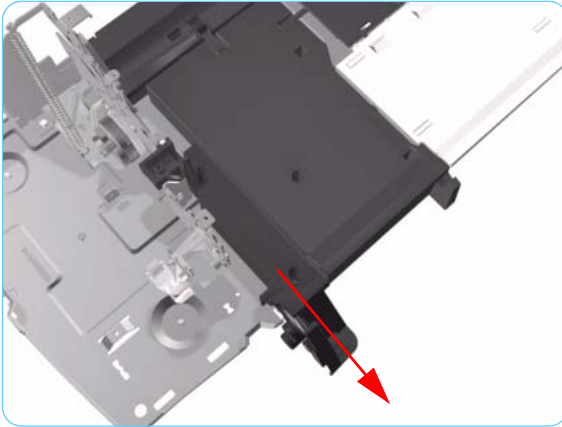
Bypass Platen

Removal

Switch off the product and remove the power cable.

1. Remove the Cleanout Assembly ⇒ Page 24.
2. Remove the Top Cover ⇒ Page 4.
3. Remove the Center Cover ⇒ Page 5.
4. Remove the Right End Cover ⇒ Page 7.
5. Remove the Left End Cover ⇒ Page 9.
6. Remove the Electronics Module ⇒ Page 13.
7. Remove the Power Supply Unit ⇒ Page 16.
8. Remove the Service Station ⇒ Page 17.
9. Remove the Encoder Strip ⇒ Page 21.
10. Remove the Ink Supply Tubes ⇒ Page 25.
11. Remove the Carriage Assembly ⇒ Page 27.
12. Remove the Starwheel Assembly ⇒ Page 34.
13. Remove the Print Platen Assembly ⇒ Page 35.
14. Remove the Pivot Assembly ⇒ Page 40.
15. Remove the Feed Roller Assembly ⇒ Page 41.
16. Remove the Pick Assembly ⇒ Page 46.
17. Remove the Inner Paper Guide ⇒ Page 52.
18. Remove 2 T-10 screws that secure the Left Bracket to the Chassis.

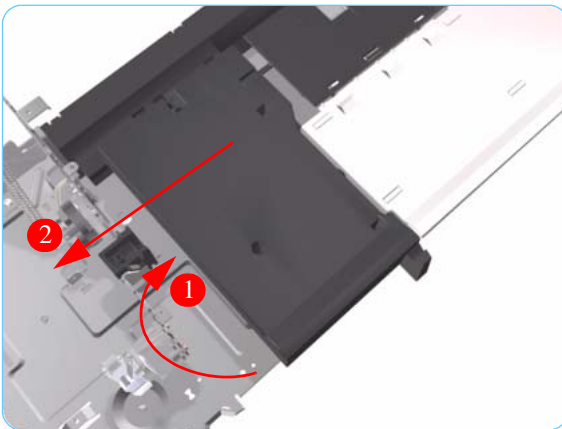




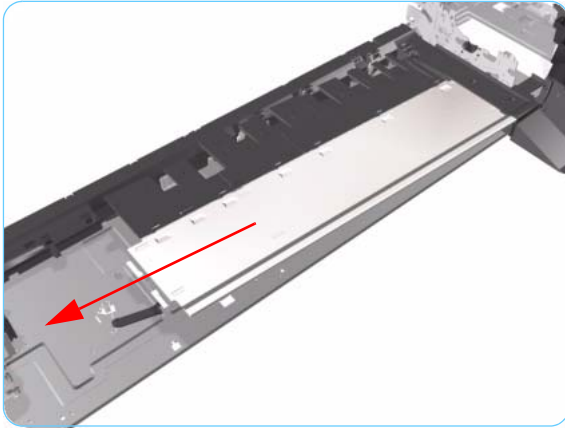
19. Slide the Left Bracket out of the Printer.



20. Remove 1 T-10 screw that secures the Side Guide to the Chassis.



21. Raise the Side Guide and then slide it out to the left.



22. Slide the Bypass Platen to the left and remove from the Printer.

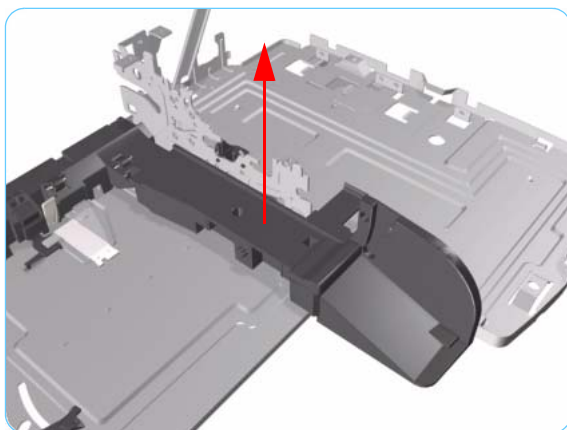
Bypass Platen Actuator (Applicable to DesignJets 90/90r and 130/130nr)

Removal

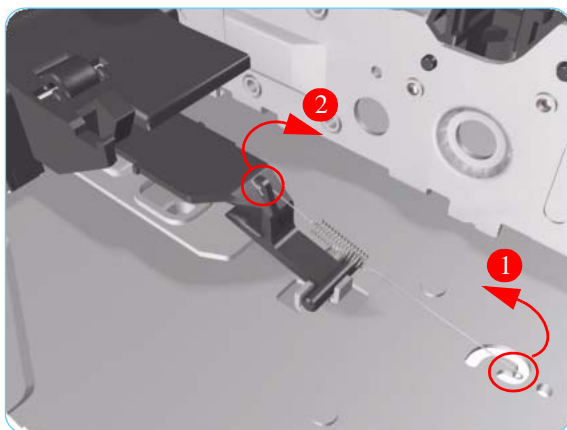
Switch off the product and remove the power cable.

1. Remove the Cleanout Assembly ⇒ Page 24.
2. Remove the Top Cover ⇒ Page 4.
3. Remove the Center Cover ⇒ Page 5.
4. Remove the Right End Cover ⇒ Page 7.
5. Remove the Left End Cover ⇒ Page 9.
6. Remove the Electronics Module ⇒ Page 13.
7. Remove the Power Supply Unit ⇒ Page 16.
8. Remove the Service Station ⇒ Page 17.
9. Remove the Encoder Strip ⇒ Page 21.
10. Remove the Ink Supply Tubes ⇒ Page 25.
11. Remove the Carriage Assembly ⇒ Page 27.
12. Remove the Starwheel Assembly ⇒ Page 34.
13. Remove the Print Platen Assembly ⇒ Page 35.
14. Remove the Pivot Assembly ⇒ Page 40.
15. Remove the Feed Roller Assembly ⇒ Page 41.
16. Remove the Pick Assembly ⇒ Page 46.
17. Remove the Inner Paper Guide ⇒ Page 52.
18. Remove the Bypass Platen ⇒ Page 56.
19. Remove 1 T-10 screw that secures the Right Bracket to the Chassis.

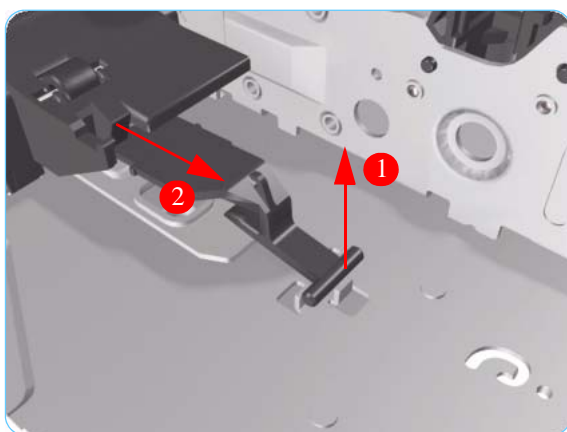




20. Lift the Right Bracket out of the Printer.



21. Release the Spring from the Bypass Platen Actuator.



22. Remove the Bypass Platen Actuator from the Printer.