
Cleaning the Encoder Strip



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Revision History

Revision	Description	Author	Date
1.0	Initial release.	Mike McCulty – Author/Editor Director of Customer Relations	June 18, 2010
1.1	Modified	Ray Larason – Author Member, Technical Support	November 30, 2010

Introduction

This document contains instructions on cleaning the encoder strip and optical eye located on the printhead carriage.

Presentation

The data in this document is organized as a procedure to be followed in order. Do not skip any steps.

Step 1: Do this first ...

Step 2: Do this second ...

Step 3: ...

TIP: Not required but helpful.

WARNING: Give careful consideration to information in this section.

CAUTION: May not apply under specific circumstances; identifies areas of risk or concern.

FP-125 Only: Applies to users of FP-125 and NOT for SPRINT customers.

Scope

This document is intended for use only with AnaJet Sprint and FP – 125 models.

Cleaning the Encoder Strip

The Encoder Strip is located above the rounded chrome-colored Carriage Bar. The Encoder Strip is read by an optical sensor at the back of the Printhead Carriage. This is how the printer detects the printhead's position. If ink or other debris sticks to the Encoder Strip it could cause a variety of issues.



Photo of AnaJet SPRINT™

WARNING: Cleaning the encoder strip and optical eye should not take more than 15 minutes. If the printhead is off the maintenance station for more than 15 minutes, clogging may occur. If a repair will take more than this period of time, it is recommend to power up at the control panel and perform a nozzle check and printhead clean as necessary to restore normal operation.

Step 1: Procedure for Cleaning the Encoder Strip

The first step in cleaning the encoder strip is to release the print carriage and power the printer off at the control panel. After that, mix 1:1, distilled water and isopropyl alcohol.

CAUTION: Do NOT use tap water or straight alcohol – either can permanently damage the encoder strip. Also do NOT use this mixture for any other cleaning operations on your AnaJet printer.

Wet a paper towel with the mix and pinch the encoder strip on both sides and firmly but not forcefully clean the encoder strip by moving back and forth along the length of the strip. Move the carriage out of the way as needed to reach the entire strip from end to end.



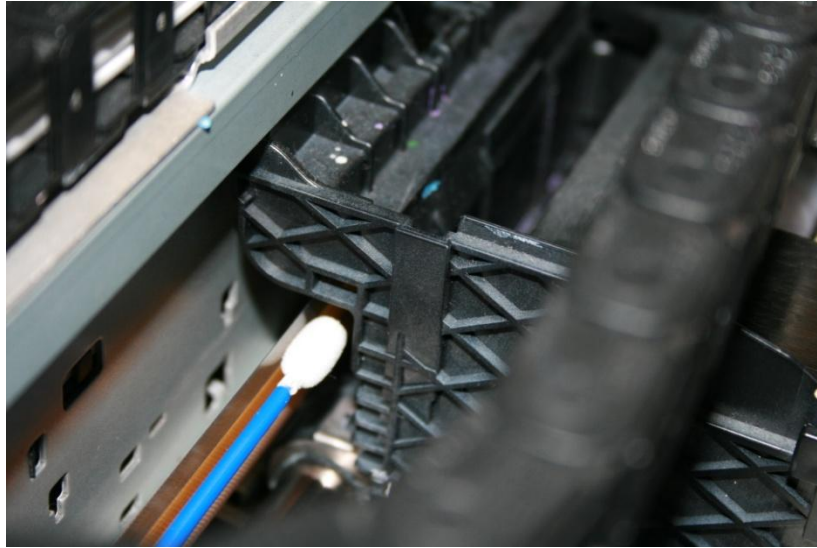
Once the encoder strip has been cleaned, take a dry paper towel or shirt and completely dry the encoder strip off, to avoid water spots or streaks. Do not leave the encoder strip to air dry.

Step2: Procedure for Cleaning the Optical Eye

Finally using a non-particle cleaning wand from your AnaJet cleaning kit.



Follow the encoder strip as a guide behind the printhead carriage and push the wand into the track retainer that holds the encoder strip on the **BACKSIDE** of the printhead carriage. Once the wand is inserted in the optical reader spin the wand a couple of times to remove any debris as pictured below.



Finally, slide the printhead carriage all the way left, then:

For SPRINT™

Press ENTER and DOWN ARROW again to toggle the maintenance station back into position (if you forget this step you will hear an error beep and must power the printer off at the back).

For FP-125™

Turn the maintenance station screw behind the black ink cartridge clockwise to flip the wiper blade up

Finally for both printer models press power on the control panel to power the printer on and reinitialize.