Cleaning the TFX Debris Removal Nozzle

Product

Kodak® ThermoFlex® Wide II]

Background

During normal usage, the debris removal nozzle accumulates a layer of ablated debris. As this layer builds in thickness, airflow through the nozzle is reduced. Eventually, the nozzle will become so constricted that ablated debris from the media will be redeposited back onto the media and negatively affect the final image quality.

Solution

Clean the debris removal nozzle weekly.

Tools required

- Lint-free tissue or cloth
- Long-handled cotton swabs
- 50% isopropyl alcohol solution

Procedure

The debris removal nozzle cleaning procedure consists of:

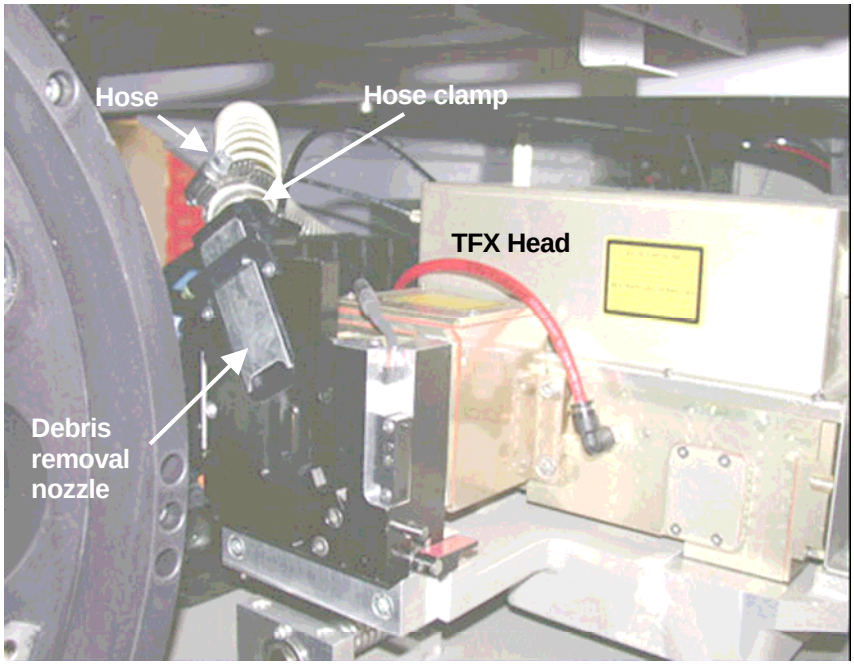
1. Removing the debris removal nozzle.
2. Cleaning the debris removal nozzle.
3. Installing the debris removal nozzle.

Removing the debris removal nozzle

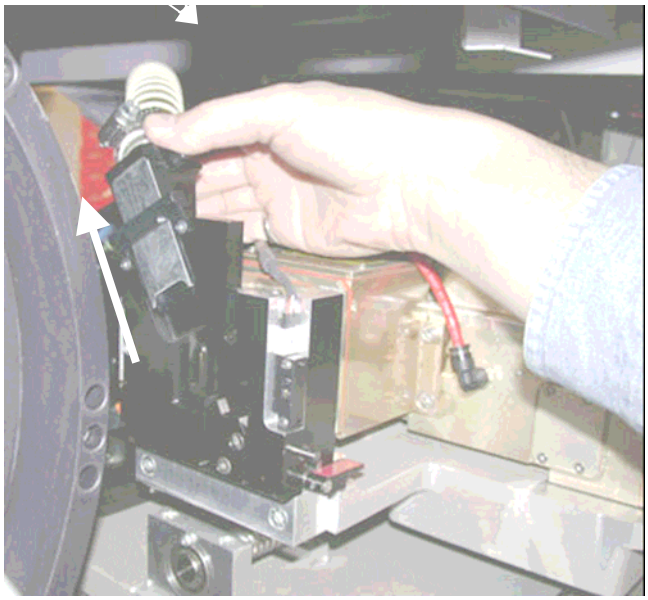
1. Ensure the output device is not imaging media and the front panel and all access panels are closed.
2. In Print Console, select **Device > Home**.

   This command places the TFX Head in an easily accessible position on the tailstock side of the device.
3. Open the front panel.

   The debris removal system is mounted in front of the thermal head as shown below.



4. Pull the debris removal nozzle (along its guides) and the attached hoses diagonally upward until they are clear of the debris removal block.



5. Release the hose clamp holding the vacuum hose to the debris removal nozzle.
6. Remove the thin air pipe (nozzle pressure tap hose) from the nozzle at the quick release fitting.

   The debris removal nozzle is ready for cleaning.

WARNING: Do not image without the debris removal nozzle. The debris may be harmful to operators as well as machine components and will lead to poor collection efficiency.

Cleaning the debris removal nozzle

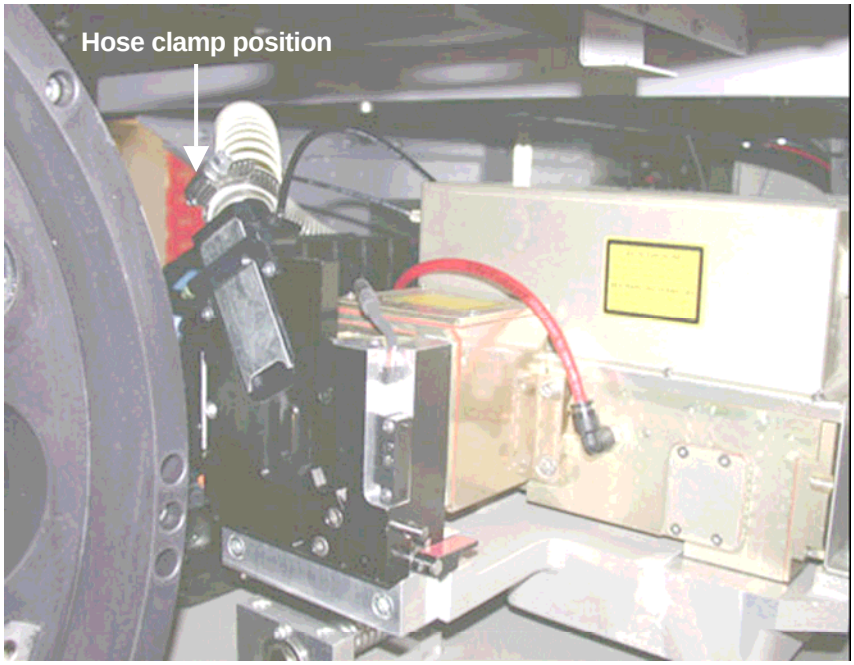
1. If you have a suction dome and compressed air available, blow the excess debris out of the nozzle under the dome.
2. Using several long handled cotton swabs and a 50% solution of isopropyl alcohol, clean out the interior passages of the debris removal nozzle.

   Note: The interior passages of the debris removal nozzle do not need to be spotlessly clean, but there should be no significant visible buildup of debris.
3. Wipe down the outer surfaces of the debris removal nozzle with the alcohol solution and a lint-free tissue or cloth.

CAUTION: Make sure all components are completely dry or the future buildup of debris will occur more quickly—the debris will readily adhere to the wet surfaces.

Installing the debris removal nozzle

1. Reconnect the vacuum hose to the debris removal nozzle and tighten the worm screw hose clamp. The hose clamp must be oriented at the top of the nozzle so that it does not prevent the nozzle from sliding onto the head.



2. Reconnect the thin air pipe to the debris removal nozzle at the quick release fitting.
3. Slide the debris removal nozzle back into its guides until it is seated in the bottom of the slot.
4. Close the front panel.
5. In Print Console, select **Device > Cancel Home**.

See also	This procedure is also in *Thermoflex Wide II Sheet Operator Guide* (653-00728A) and *Thermoflex Wide II Sleeve Operator Guide* (653-00752A)
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