

H652 Ink Vacuum Canister Maintenance

This document provides instructions for maintaining the H652 Ink Vacuum Canister. It is important that this maintenance be performed in accordance with the schedule as follows:

- **Inspection** - Inspect filters and ink accumulation - **Weekly**
- **Maintenance** - Change filters and clean vacuum canister - **Monthly**



Warning: Failure to perform this procedure in accordance within the recommended timetable may create a fire hazard. This procedure **MUST** be performed in accordance with the recommended schedule



Caution! Remove all power from Printer, shut off all main breakers and unplug the printer power. Perform a Lock-Out/Tag-Out while this procedure is in progress.

Parts and Personal Protection Equipment Required

- White Cotton Fiber Filter (upper case filter) and Rubber Gasket Ring (to seal upper case filter) **P/N 45098054**
- Foam Motor Filter(to protect motor and electrics) **P/N 45118029**
- An empty hazardous waste container to pour captured waste ink.
- A good detergent degreaser to clean the inside of vacuum canister
- Rags or paper towels to assist in cleaning the inside of the vacuum canister
- Safety Glasses
- Clean Room Wipes (**EFI P/N 45077321**)
- Chemical resistant gloves to avoid getting waste ink on skin as this waste and may have debris other than ink dissolved in the liquid.
- An Explosion/ Fire Resistant container for the disposal of all soiled cleaning supplies and chemicals according to local safety codes

Procedural Overview

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1.0 Preparation

Start by gathering the parts and protective equipment outlined on the first page of this document.



Figure 1: Clean-up and Protective Gloves

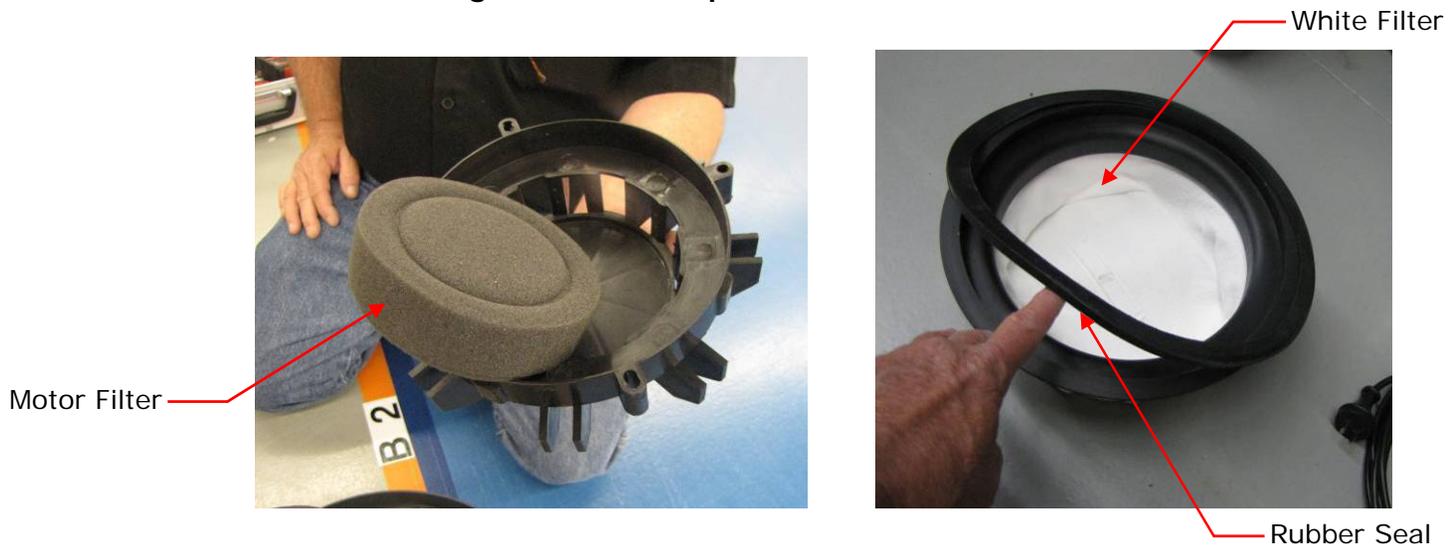


Figure 2: Filters and Canister Seal

1.1 Access and inspect the Vacuum Canister

Access the Vacuum Canister Assembly as follows:

1. Remove Media and Media Roll.
2. Remove Left Rear Access Panel.
3. Loosen and remove vacuum power cable tie-wraps (if present) so there is sufficient cable to remove canister without disconnecting the cable.
4. Loosen and remove the Canister Securing Strap.

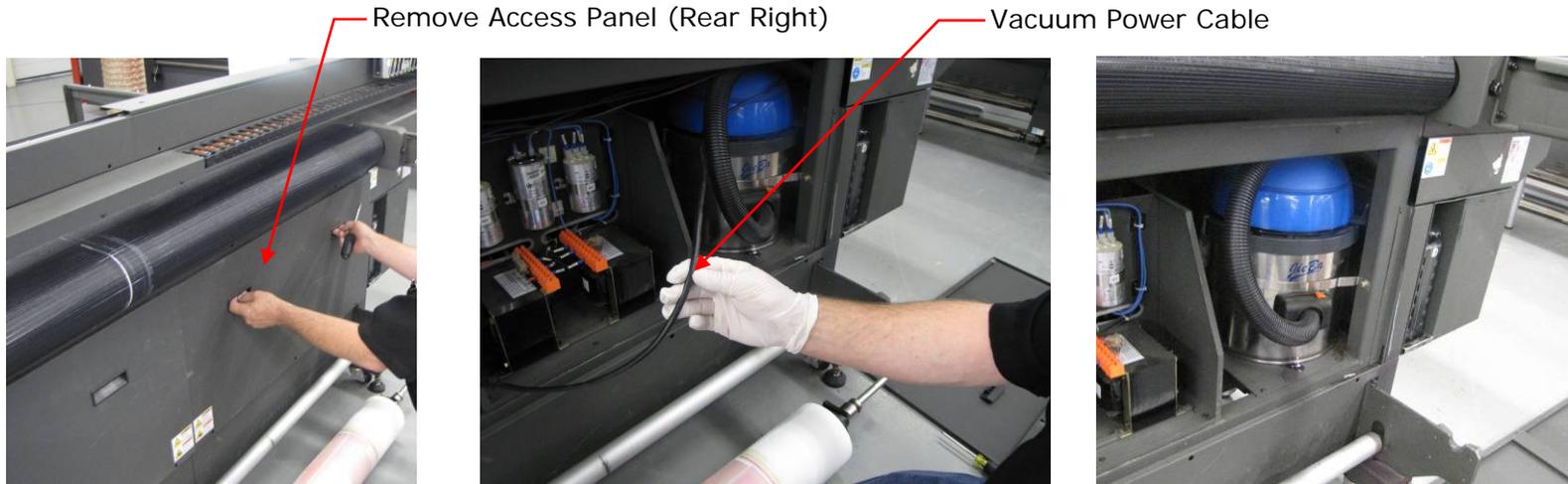


Figure 3: Accessing The Vacuum Canister

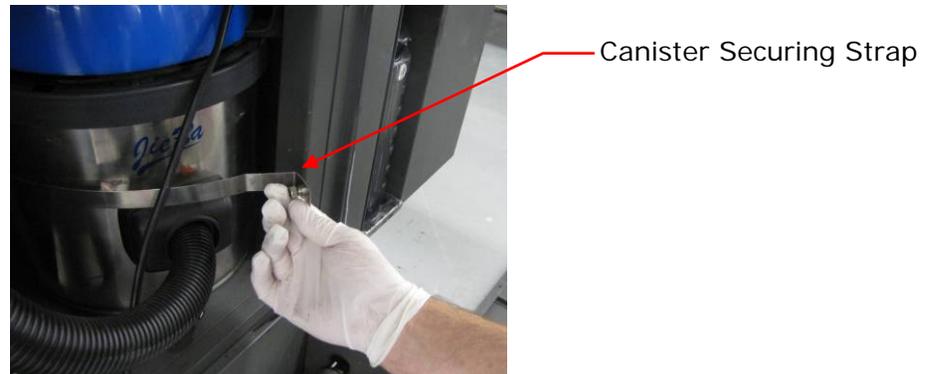


Figure 4: Remove Vacuum Canister Securing Strap

- 5. Remove the entire Vacuum Canister Assembly from the Vacuum Compartment as follows:
 - a. Carefully remove the hose from the canister – wipe exterior clean.
 - b. Stuff the end of the hose with paper towels to prevent any excess ink from seeping or spilling out.
 - c. Leave the top on the canister and remove for inspection.



Stuff Hose with Paper Towels

Figure 5: Vacuum Canisters Hose

- 6. Inspect the Canister. Canisters that exhibit extreme ink seepage are not serviceable and will require replacement.
- 7. If the Canister is not serviceable, contact EFI Wide Format Support for a replacement Canister Assembly, **P/N 45095010**.



Ink Seepage

Figure 6: Vacuum Canisters Requiring Replacement

2.0 Servicing the Vacuum Canister

If the Vacuum Canister is serviceable, continue maintenance as follows:

1. Lay out some paper towels to protect the flooring and work area from ink spillage.
2. Remove the top of the canister and place it onto the paper towels UPRIGHT so that no ink can seep into the motor.



Place Canister onto Towels



Remove Top, Remove Lower Filter and Seal



Place Top onto Towels to Dry Out

Figure 7: Vacuum Maintenance Preparation

3. After the ink drips from the Top for a while, remove the filter housing and replace the gray motor filter.
4. Secure the Housing to the Top after replacing the filter.



Motor Filter

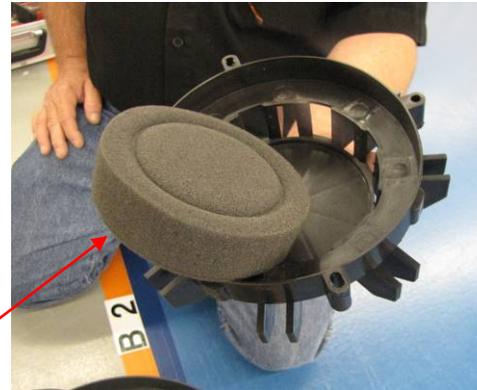


Figure 8: Replace Motor Filter



2.1 Empty and Clean the Vacuum Canister

Empty and Clean the Vacuum Canister as follows:

1. Dump the contents of the canister (ink and debris) into a hazardous waste container to be properly disposed of later.
2. Dry clean the inside of the canister as much as possible with dry paper towels and properly dispose of the towels.

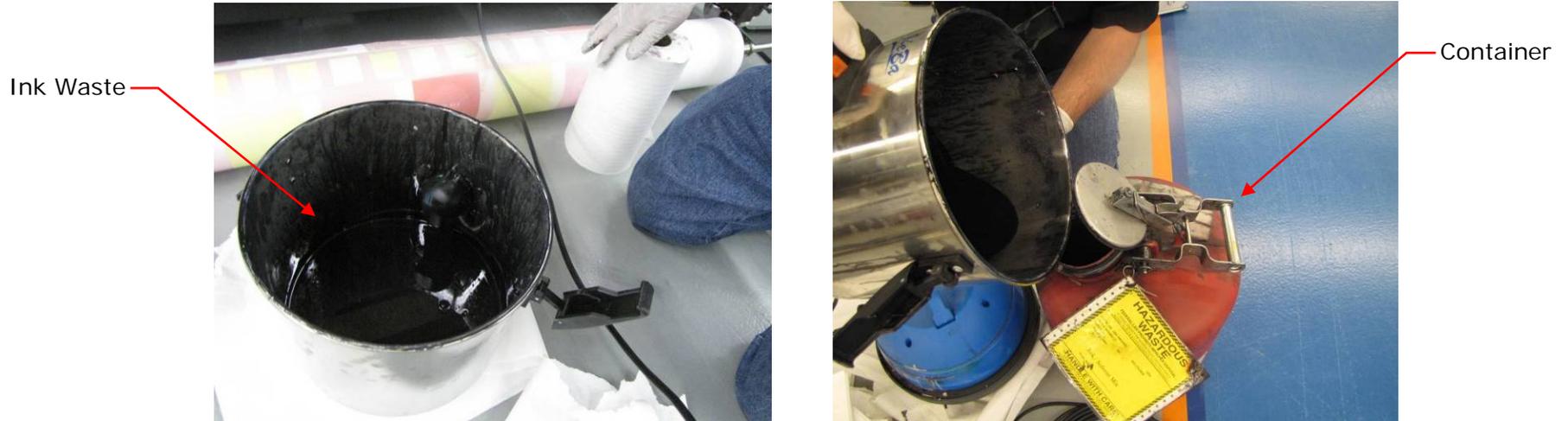


Figure 9: Emptying the Vacuum Canister



Figure 10: Emptying the Vacuum Canister

3. Using the mild solvent or a good detergent degreaser, spray the inside of the canister to loosen stubborn ink deposits.
4. Continue to wipe the inside of the canister with paper towels until the canister is as clean and dry as possible

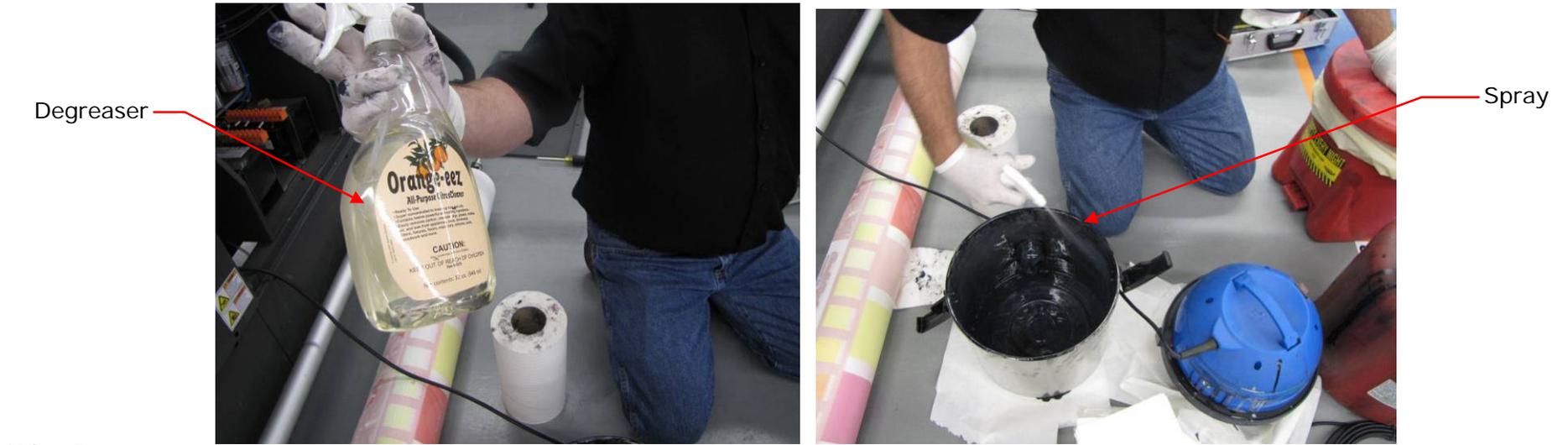


Figure 11: Spray inside of Vacuum Canister with Degreaser



Figure 12: Wipe and Dry the Vacuum Canister until Clean

2.2 Install the New Filters into the Vacuum Canister

Install the new white filter and rubber seal as follows:

1. Secure the rubber seal ring around the top of the white filter as shown.
2. Place the filter and seal into the top of the canister and push securely into place.
3. Reinstall the top motor section with the newly installed gray filter onto the top of the canister and secure.

Filet and Gasket (Seal)



Figure 13: White Filter and Rubber Seal

3.0 Reinstall the Serviced Vacuum Canister into the H652

Reinstall the serviced canister into the H652 as follows:

1. Place the canister back into the H652 cabinet and secure with the securing ring.
2. Carefully push the cable back into place and secure with tie-wraps.
3. Reinstall the compartment door and return the printer to service.