In order for the Debris Removal system to function properly, the vacuum nozzle interior (especially the pressure tap orifice) must be clear of debris.

The debris removal nozzle is part of the device and must be removed when a thermal head is removed. **The nozzle must be cleaned every Preventative Maintenance and whenever the head is swapped.**

Note: Take care to ensure that the small pressure tap hole does not get plugged with debris during the cleaning process.

1. Remove the nozzle from the thermal head and disconnect the air lines. See Figure 1.

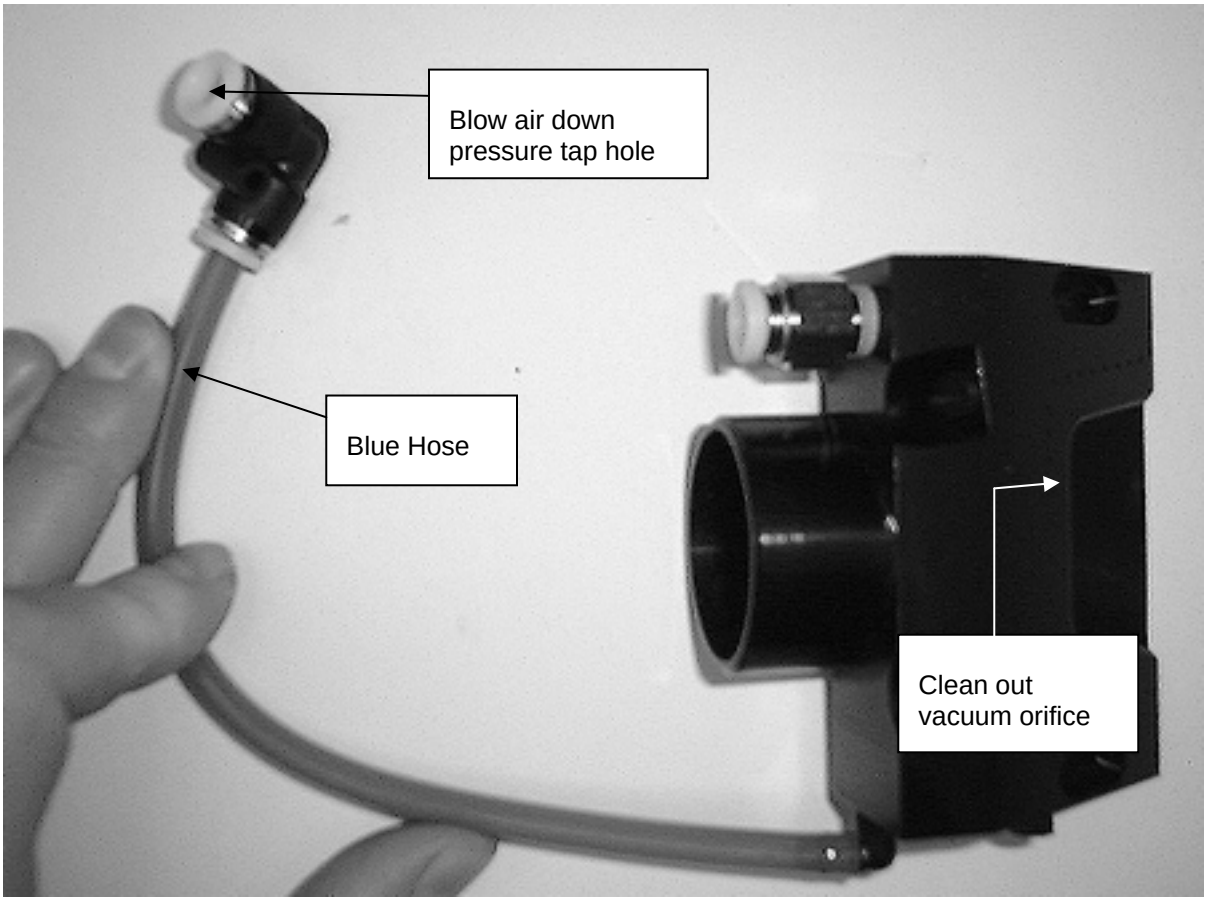


Figure 1: Thermal Head 1.x Debris Removal Nozzle–Part Number 50-2117C

2. Using clean compressed air, blow air down the pressure tap tube to clear debris from the small hole.

WARNING: Do not blow air into hoses still connected to the device, as this may break a pressure sensor.

3. With a flashlight, inspect the interior of the vacuum orifice for debris accumulation on the surfaces.
4. Clean out the debris, taking care not to smear debris over the pressure tap hole that was cleaned in step 3.
5. Blow air through the pressure tap hole in the nozzle again, to ensure it is completely free of debris.
6. Reconnect the hoses and reinstall the nozzle on the thermal head.

Note: Previous version B nozzles have the pressure tap on the top face of the nozzle, not the bottom. The older top pressure tap clogs with debris much quicker. Version B nozzles should be replaced with version C nozzles if the pressure tap ever becomes clogged.