

## Chapter 8: Maintenance



**WARNING:** Removing any external covers can expose hazardous moving parts. Keep fingers and other body parts away.

**WARNING:** To avoid electric shock, perform all maintenance procedures with the GERBER EDGE FX turned off and unplugged from the power source.

**WARNING:** Double pole neutral fusing.



Terminal for connection of protective earthing conductor.

### Cleaning the GERBER EDGE FX

To keep the GERBER EDGE FX in prime condition you should routinely clean the following items:

- ◆ Print head
- ◆ Sprockets
- ◆ Bail arms
- ◆ Material squeegees
- ◆ Platen
- ◆ Foil squeegee

#### Cleaning the print head



**WARNING:** The print head will be damaged if any chemical other than 99% isopropyl alcohol is used to clean the print head. Clean the print head only when cooled and with the recommended ThermApprove™ disposable print head cleaning cards or a lint-free cloth moistened with 99% isopropyl alcohol. **DO NOT** touch the print head with bare hands. **DO NOT** allow any foreign or unknown substances to come in contact with the print head.

There are two times to clean the print head: normal cleaning, and removing contamination buildup. Normal cleaning refers to cleaning the print head before each job.

If a job is longer than 10 feet, clean the print head before loading each color cartridge. Use the ThermApprove disposable print head cleaning cards or a lint-free cloth moistened with 99% isopropyl alcohol to gently rub the entire length and width of the print head as shown in the

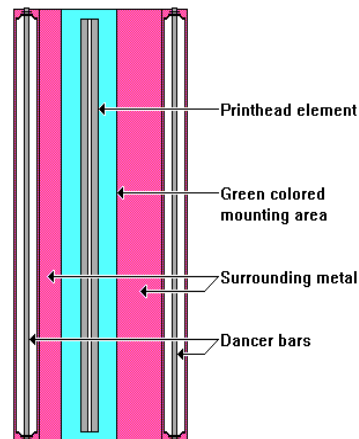
illustration. Do not soak the pad with alcohol or you may damage the print head. Dry the print head with a clean, lint-free cloth.

Contamination buildup occasionally occurs on the print head element itself (the brown strip surrounded by the green mounting area in the print head). When this happens, printing quality is degraded and a more thorough cleaning is necessary. We suggest you thoroughly cleaning the print head element weekly or as required.

If you need additional ThermApprove cleaning cards, contact your Gerber distributor or the GSP Customer Service.

### ➔ To clean the print head

- 1 Gently rub the entire length and width of the printing element with a ThermApprove cleaning card or lint-free cloth moistened with 99% isopropyl alcohol.



- 2 Dry the printing element with a clean, lint-free cloth.

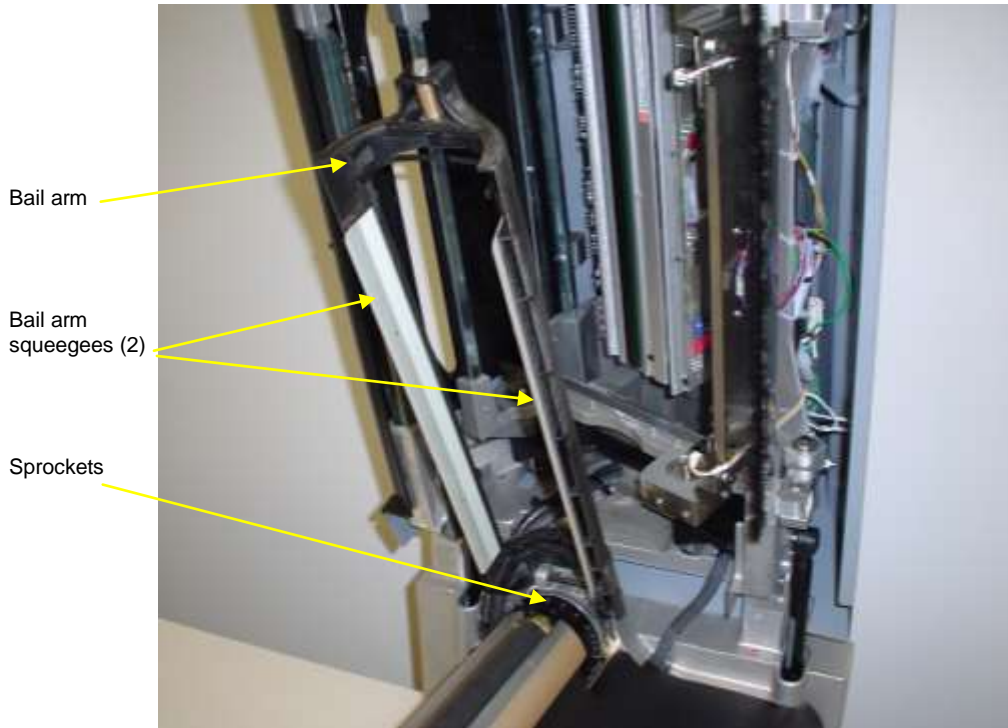
## Cleaning the sprockets, bail arms, and squeegees

Wipe the bail arm squeegees and bail arm with ThermApprove cleaning cards or a clean, lint-free cloth moistened with 99% isopropyl alcohol.

If there is excessive build up of material adhesive on the sprockets (especially around the teeth), scrape it off using a small pick or brush, such as a toothbrush.



**CAUTION:** Do not dip the nylon brush in alcohol because excess alcohol can drip into the GERBER EDGE FX and cause damage.



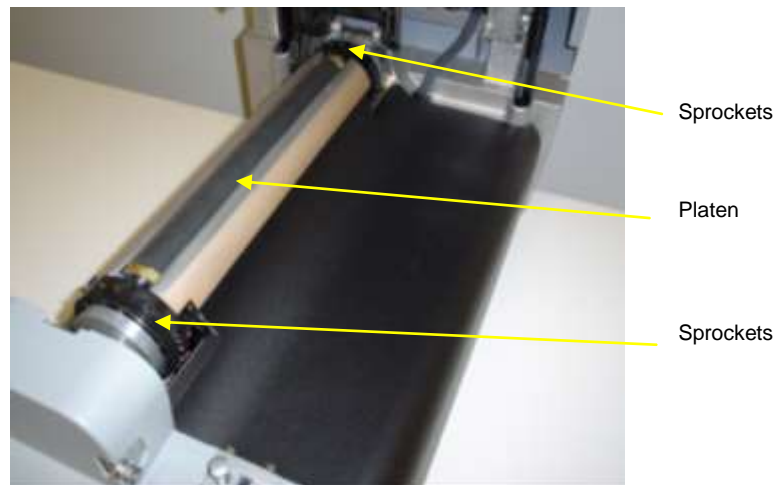
Wipe the sprockets with ThermApprove cleaning cards or a clean, lint-free cloth moistened with 99% isopropyl alcohol. Allow the sprockets to air dry before loading material. Refer to the photo to locate the areas to clean.



*Note: Isopropyl alcohol may discolor the squeegees over time. Discoloring does not affect the operation of the squeegees.*

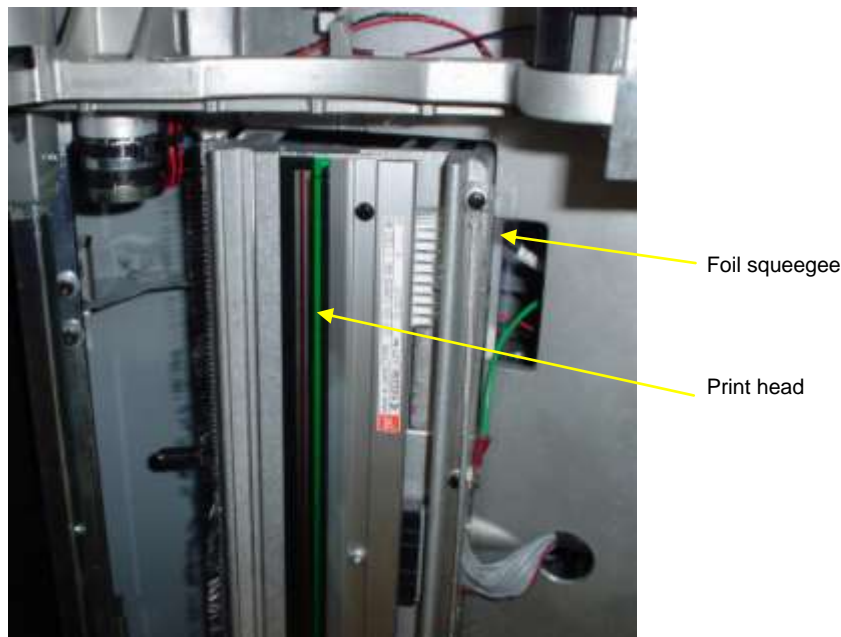
## Cleaning the platen

Wipe the platen to remove any debris with ThermApprove cleaning cards or a clean, lint-free cloth moistened with 99% isopropyl alcohol. Allow to air dry before loading material. Refer to the following photo to locate the areas to clean.



## Cleaning the foil squeegee

Wipe the foil squeegee with ThermApprove cleaning cards or a clean, lint-free cloth moistened with 99% isopropyl alcohol and let air dry.



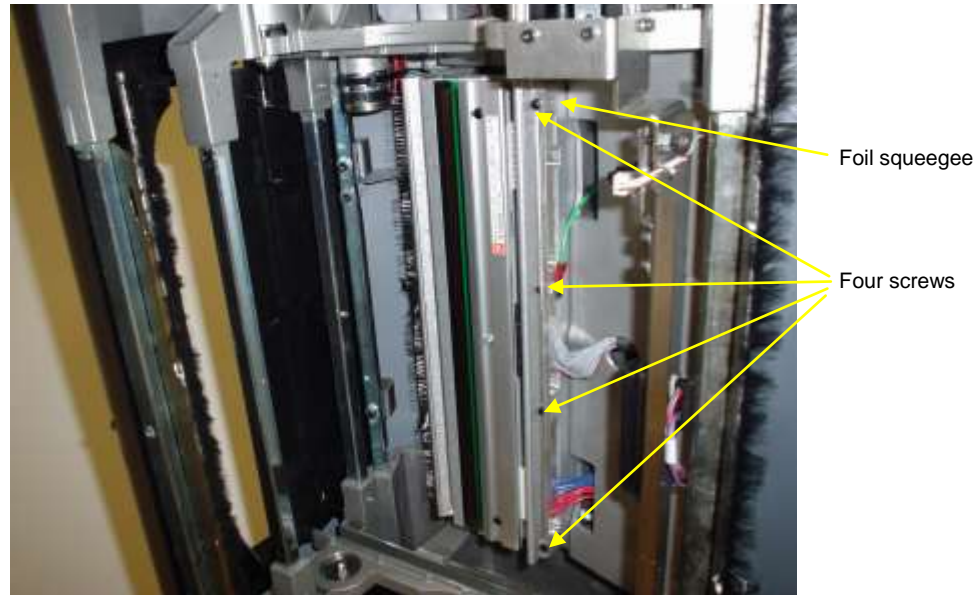
## Replacing maintenance parts

You will need to replace material or foil squeegees on a yearly basis and fuses as required. One set of replacement maintenance items are included in the accessories box. Use the chart below to keep record of the replacement dates.

Maintenance part	Frequency	Replacement dates			
Foil squeegee	yearly (or sooner if needed)				
Bail arm material squeegees	yearly (or sooner if needed)				
Fuses	as needed				

## Replacing the foil squeegee

Replace the foil squeegee immediately if it is bent or damaged. Even if the foil squeegee is undamaged you should replace it once a year. Remove the four Phillips head screws that attach the foil squeegee making note of its position. Discard the squeegee. Attach the new foil squeegee using the same screws. One replacement foil squeegee is included in the original accessory box. Additional squeegees can be obtained from GSP Customer Service.



## Replacing the bail arm material squeeeges

Replace a bail arm material squeegee immediately if it is bent or damaged. Even if the squeeeges are undamaged you should replace them once a year. Remove the two material squeeeges by peeling them off the bail arms and discarding them. Clean any residual adhesive off the bail arms with a lint-free cloth moistened with 99% isopropyl alcohol. Let the bail arms air dry.

Remove the adhesive liner off a new material squeegee and press it firmly into position. Repeat with the remaining squeegee. One set of replacement materials squeeeges is included in the accessories box. Additional squeeeges can be obtained from Gerber Customer Service.

