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**ID: KB01082007\_4**

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Activation Date: January 08, 2007

Expiration Date: January 08, 2010

**Subject:** Recommended Maintenance of Gerber GS or HS Plotters**Category:** Plotter**Keywords:** cleaning lube lubricate dust

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**Problem**

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In order to maintain my equipment and get the best useful life from it, what do I need to do on a regular basis?Dail

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**Solution**

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## Daily

- Keep obvious dirt and dust off of the plotter. Inspect for stray pieces of vinyl and remove as necessary.
- Cover plotter when not in use, especially in a dirty environments.

## Weekly

- Clean all chrome rods with Alcohol "first-aid" wipes or use 70% Isopropyl Alcohol on a clean rag or lint free paper towel. After cleaning thoroughly, lubricate rods with a small drop of oil on each side of the carriage on each bar. Move the carriage back and forth to spread out the oil evenly.
- Clean inside the tool holder with alcohol wipe. Do not oil here.
- Clean the outside of the knife holder with alcohol. Do not oil here.
- Use canned air to blow paper and dust out from under the platen - carefully tipping the plotter on end can make this more effective.

## Monthly

- Clean the teeth of the sprockets of all adhesive residues. Alcohol on a toothbrush will usually get most of it. A dental pick helps some as well. For really stubborn spots lightly use adhesive remover and follow up with an alcohol wipe. Dry thoroughly with canned air.

## Annually

- Remove covers from both ends and blow out any dust. Pay special attention to the position sensors with gentle blasts of air to remove any dust buildup.
- Inspect for damage to belts and gears under the end covers. - Replace

covers

- Remove the tool force housing and inspect the Theta Axis Belt for missing teeth or frayed cord. (Not necessary on GSx Plotters)

## **Please Note**

These are general guidelines only. Depending upon the environment and amount of usage the machine gets, these procedures may need to take place more or less frequently. The Gerber plotters are well built and will last many years if well cared for. If you feel at all uncomfortable with any of the annual maintenance procedures, make arrangements for a Denco Technical Rep to do it for you. We're happy to help you out and want to do our best to keep your shop running at peak performance.

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Last Modified: 02/07/2007