GERBER SCIENTIFIC PRODUCTS

TITLE:	**Gerber EDGE FX Z-Axis Lead screw and Nut Lubrication**
Category:	EDGE Series
Gerber FastFact #:	4290
Supplied by:	Gerber Service
Last Modified:	December 10, 2007
Summary:	This procedure is intended to help maintain the smooth operation of the Z-axis lead screw and nut, should any vibration or squeaking become evident.

Only Lubriplate DS-ES should be used for lubricating the Z-axis lead screw and nut. Other lubricants are not recommended as they may cause premature wear of the lubricated parts, contaminate unintended surfaces or the print head, and void your Gerber EDGE FX warranty.

> To locate a Lubriplate distributor near you, visit their web site at
> www. Lubriplate.com/locator/index.asp.
> They can also be contacted by phone at 800-733-4755 or 973-589-9150.
> The part number for Lubriplate DS-ES, is L0137-086

During this procedure lubricate only the lead screw. Avoid contact with other parts or surfaces.

➡ To lubricate the lead screw

1 Remove the foil/caddy from the EDGE FX.

2 Lift the top of the EDGE FX printer until it is fully extended and comes to rest in the upright position. Lid is all the way up.

3   Place a pea-sized dab of Lubriplate DE-ES onto the tip of your finger.

Note: It is important not to use an excessive amount as extra lubricant can attract dust or drop onto other areas of the printer. Just a little will do.

4   Place a pea-sized dab of lubricant onto the mid-point of the visible portion of the lead screw and work into threads.The lead screw is visible behind the print head. Avoid contact with other parts or surfaces.
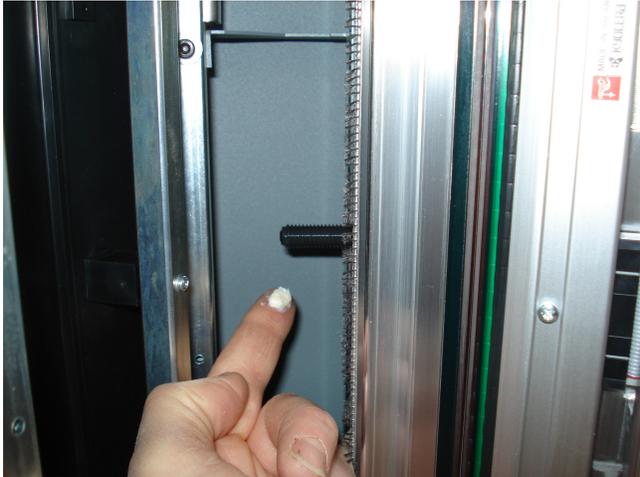
5   Operate the printer as usual. When the print head is lowered and raised, the movement of the lead screw will bring the lubricant into contact with the Z-axis nut. Several print jobs may need to be completed before the lubricant is adequately spread between the parts.

6   This procedure may be repeated as needed, but take care not to over-lubricate the lead screw as excessive lubricant may attract dust or find it's way to other parts of the printer.