

Lubrication of the VE 810

Lubricating the X&Y-Axis Linear Rails

Apply 2-3 drops of light oil (such as 3-in-1 oil) on the rails and rub it in with your fingers.

Use the X jog button to move the spindle to the right and left to evenly distribute the oil.

Also, use the Y jog button to move the t-slot table front to back to evenly distribute the oil.

(See Figure 5.1) Lubricating the X-Y-Z-Axis lead screws

A light lubrication of the X, Y and Z lead screws should be performed after every week of usage.

Use silicone lubricant only. To reach the Z-Axis lead screw, press the Z jog down button to lower the spindle.

This will expose the Z leadscrew so you can spray it with lubricant.

DO NOT use any lubricant other than silicone, as it may become sticky and cause a buildup that can cause mechanical failure.

What NOT to lubricate

Many of the bearings and assemblies in your engraving machine are sealed and/or coated using special low-friction methods and should not be lubricated.DO NOT attempt to lubricate the

spindle or the spindle bearings.

If you suspect lubrication problems, call your dealer/representative for instructions, as further lubrication may harm the machine.

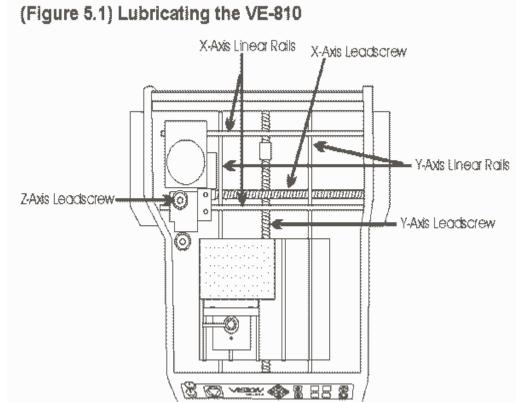
DO NOT oil the X or Y stepper motors. None of the motors on the VE-810 require lubrication.

Oiling the stepper motors can permanently damage the motors.

Please refer to the drawing on the second page of this document for further reference.

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(Figure 5.1) Lubricating the VE-810	
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