

Vision 16XX, 24XX, and larger table lubrication

(see photos below)

NOTE: These photos refer to the current Vision Line--the "Series 3" tables.

A light lubrication of the X and Y and Z lead screws should be performed after every week of usage (see fig. 5.3) . Use silicone lubricant only. Spray a light coating along the lead screw. (A nozzle extender attached to the aerosol spray can will facilitate this procedure and may eliminate the need to remove the metal covers)

***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.

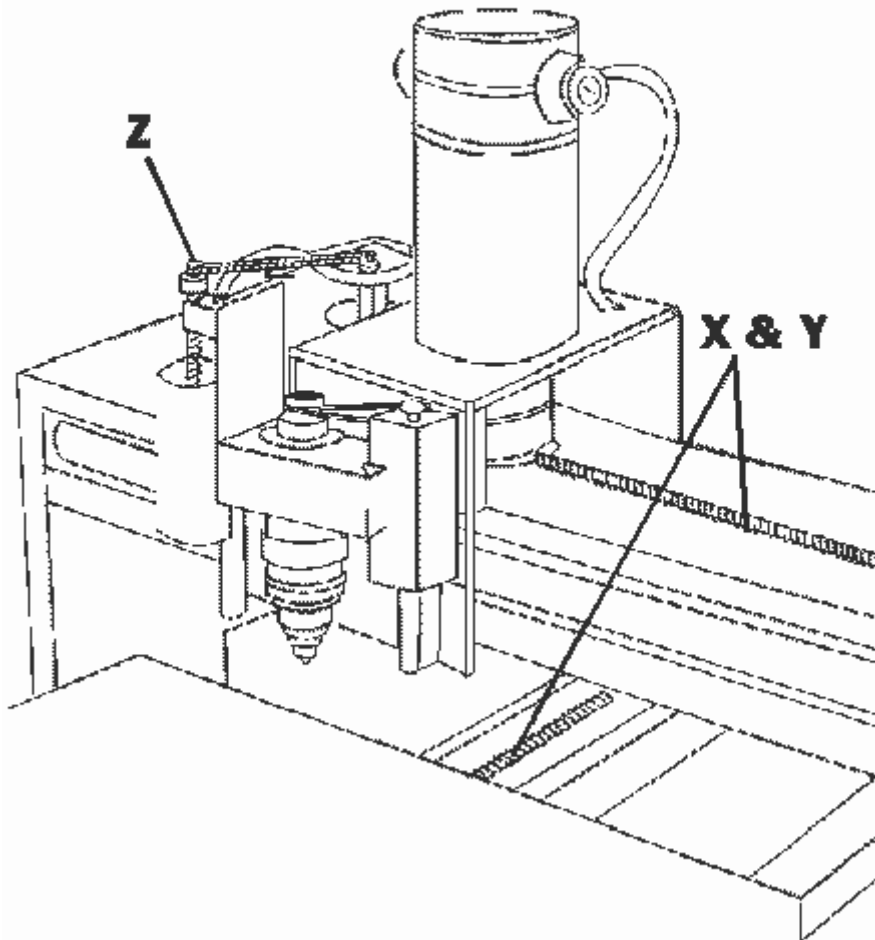
Do not lubricate the X or Y stepper motors.

Spindle Lubrication (series 3 Vision Tables only)

The spindle assembly in the Series 3 Vision Tables requires a monthly lubrication of the housing. Simply push the spindle up until there is a 1/3" gap between the spindle block and the "lip" of the housing. Lubricate with 2 to 3 drops of 3 in 1 oil.

***DO NOT OVER LUBRICATE!** This will cause the spindle to stick.*

(Fig 5.3) Carriage and gantry covers are removed.



(Figure 2.1a) Series 3 T-slot table format. Shown here is front angled view of the Series 3 Vision 1624 (the 1212 and 1612 models are similar in design).

