

Vision Maintenance Procedure

WESTERN/VISION TABLE MAINTENANCE - LUBRICATION

Photos on next page

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 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.

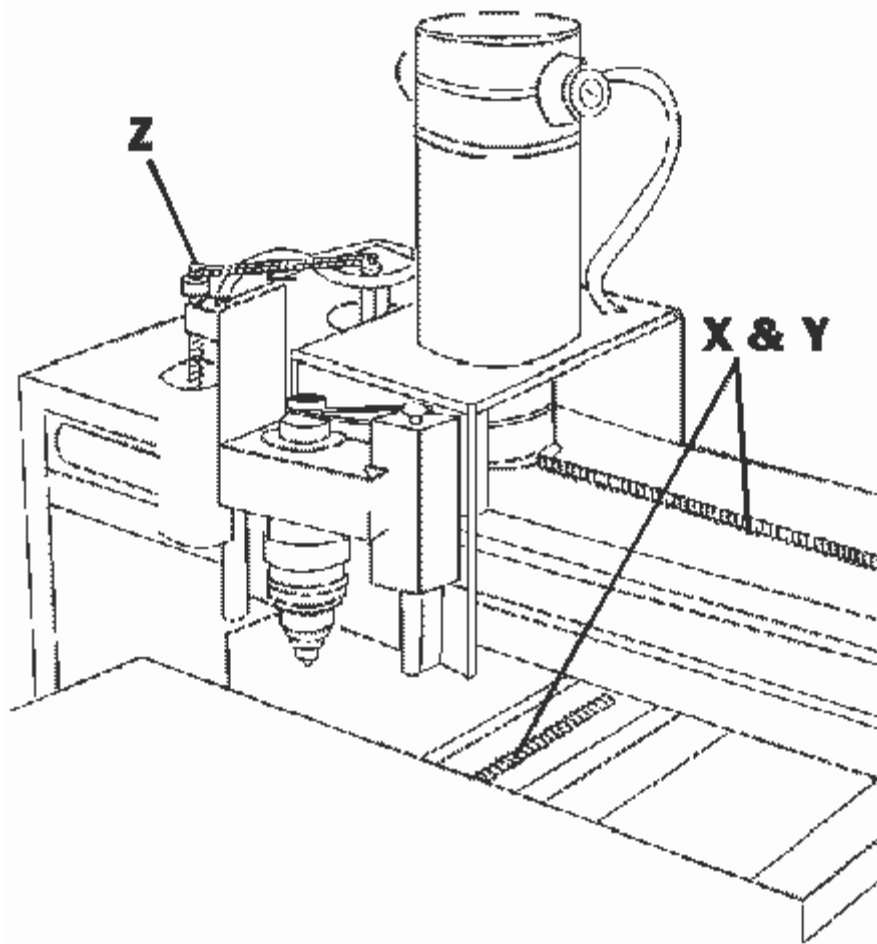
Do not lubricate the X or Y stepper motors.

Spindle Lubrication (series 3 Vision Tables only)

The spindle assembly in the Series 3 Vision Tables requires a monthly lubrication of the housing (as shown in Fig.5.4). 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).

