

## LS-45 - Lamp Housing/filter Cleaning

Tool required:

#2 phillips head screwdriver

### Cleaning Instructions

Turn on the scanner and observe the BUSY LED on the front of the scanner. When this yellow LED stops blinking and remains on, power down the scanner. Disconnect the power cord from AC power.

Remove lens cover. Remove the 6 screws for the front cover. Four are located near the fasteners for the lens cover. Two are located at lower front on the chassis section. Save these screws for reassembly. Remove front cover.

*Caution: Lamp housing contain four wratten gelatin filters. Handle with care. Also do not force the stepper motor. Damage to the motor can occur.*

Locate the lamp housing (black rectangular assembly protruding from either side of the film holder table). Disconnect the 15 pin connector located on left rear side of housing (the larger of the 2 connectors at this location). Locate the retaining latch on the right side of housing. Push latch down and slide housing out of scanner from right to left. Be sure that the shaft at the rear of the filter motor clears the scanner housing.

Position housing on flat working surface with the filters facing up. On either side of the filter assembly, there is a screw which you need to remove. This will free the filter assembly from the lamp housing and you can lift it straight up and off.

Now you have access to both sides of the filters as well as the top of the glass which separates the filters from the lamp under the housing.

Clean the dust off all of these surfaces with compressed air. If there is any stubborn particles on the filters or glass, you might gently brush off the surface with a soft camel hair brush, (filters should be handled as if they are original transparencies).

Replace the filter assembly on the lamp housing and replace the two retaining screws.

Slide the housing back into scanner until it is retained by the latch. Connect the cable to the 15 pin connector of chassis.

Place front cover back onto scanner and secure with the six original screws. Place lens cover onto front cover.