



Basic Service

- 1 – NEVER thread machine with cover plate on, ALWAYS watch film entering path
- 2 – Clean Gate pieces with alcohol after every use (best if after every reel)
Remember to turn the inching knob on back so that the red dot is facing 12 o'clock, and remove lens before removing gate pieces.
- 3 – Keep all points lubricated in accordance with manufacturer's lubrication chart
- 4 – If sound model regularly exercise record button and spray all jacks and inputs with contact cleaner such as radio shack
- 5 – Check and replace as needed – 2.5 amp cartridge fuse

Specific Maintenance Issues

EUMIG sound head

METHOD 1: (for a quick clean). The sound head is located right underneath the Bulb. It has a white cable coming out of it, which plugs into a receptacle on the chassis. For a real quick clean, take a can of air duster and blast air down into the Teflon film chute at the front of the sound head assembly. This will blow out any loose oxide particles in the sound head. This process is recommended after every couple of reels, to keep oxide from building up inside the head assembly.

METHOD 2: (FOR A THOROUGH CLEAN, THIS PROCEDURE TAKES ABOUT 30 MINUTES, AND REQUIRES DISSASSEMBLY OF THE SOUND HEAD).

1. Set the control knob to the Forward position then pull off the black control knob at the side of the projector. Remove the lamp housing cover.
2. Pull off the volume control knob and the mixing control knob.
3. Undo the screw located between the volume control knob and the mixing knob, and pull the side panel forward and out to expose the inside of the projector.
4. Unplug the sound head, then undo the single screw which bolts the sound head to the chassis wall.
5. Remove the sound head.
6. Look at the sound head. There are a total of 6 screws in view. Do NOT touch the four innermost screws, they are used for the critical elevation and azimuth alignment of the sound head to the magnetic tracks on the film. Undo the 2 outer screws to remove only the MU-METAL magnetic shield, and the pressure pad assembly. You now have total access to the heads and pressure pads for a thorough cleaning with alcohol. Be very gentle in wiping the head areas. You may wish to de-magnetize the heads while you are at it, using a Radio Shack tape- head demagnetizing probe. Also polish the film channel and pressure pads with Pledge or Favor furniture polish.
7. After cleaning, reassemble the metal shield and pressure pad assembly to the head, and tighten down the 2 outermost screws.
8. Align locating hole on the sound head with the pin in the chassis, and bolt back

into place with the single screw. Plug the sound head back into the wall connector.
9. Reassemble the side panel, audio knobs, and Main control knob. Return the control knob to the OFF position.

SPEED

Alcohol & very light sandpaper to roughen the rubber wheels. ---Obviously this will only work so many times before the pads are done..

SCRATCHING FILM

There are mainly 2 spots where scratches are caused on a EUMIG 800 series.

1. Remove lamp house cover.

Take both parts of film guide/aperture plate out of projector and clean film path with alcohol and tissue or ear sticks.

Refer to user manual, otherwise you might destroy claw-pin when taking out parts!! (costly repair)

2. Lamp house cover still removed.

Now take off grey plastic cover (snap on fix) at rear exit of film -directly before take up reel- and look for film guide rollers in 3 or 4 places. Each roller consists of two halves.

Often one half or both halves are missing and film scratches on roller axle and / or housing.

