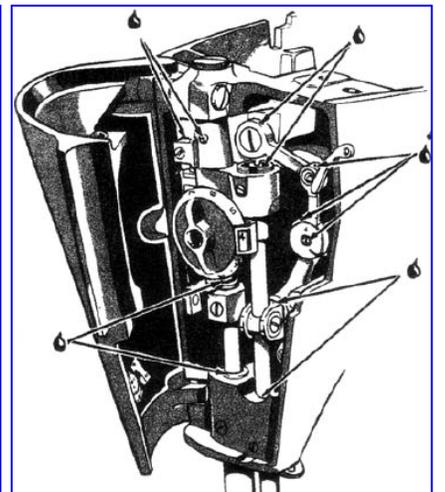
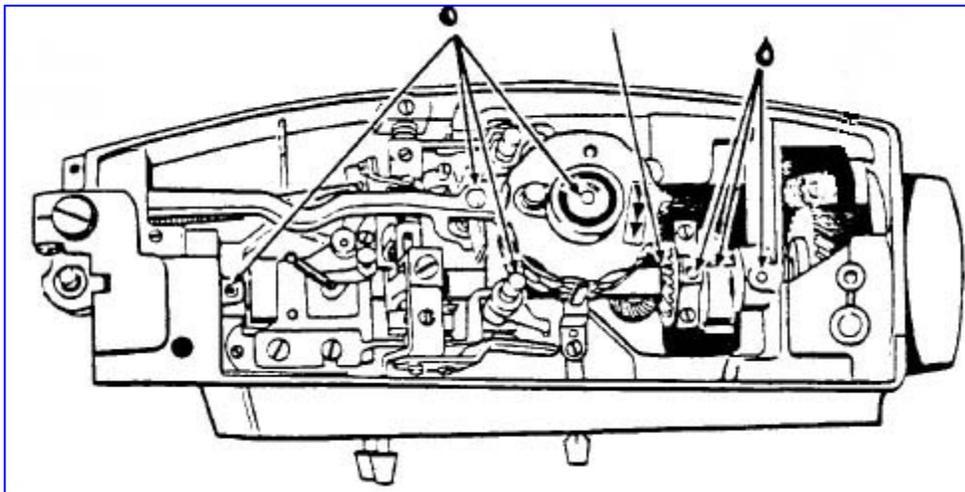
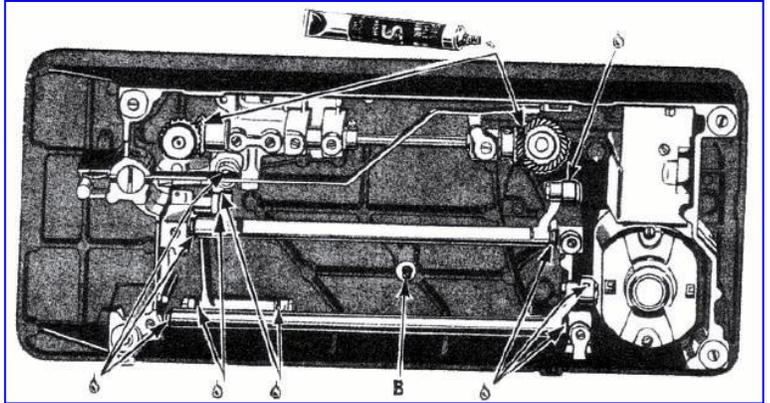


# GENERAL TIPS

## OILING & CLEANING

When oiling a machine, keep a couple things in mind:

- Generally a drop or two is good, do not over oil it
- Provide a drop where metal moves against metal
- Blow all the lint out as best possible, both in the bottom pan & bobbin case area, plus the needle bar area
- If fitted with metal gears, a little grease will help
- If fitted with plastic gears, I do not recommend any grease on plastic parts. If anything, use a silicone spray product



Types of oil...what do I use, or recommend? I personally use oil that is made for sewing machines only, and not some general purpose oils it all product. To keep out of trouble ☺, I do not wish to mention brand names. They are all great products, but if it is a paraffin base, which leaves a protective film, forget it. It will eventually gum the machine up, and parts stop moving. Silicone sprays differ from other spray products, and I use Tri Flow on my plastic gear applications. Actually you could use the entire product for all the oiling if you wish.

When cleaning lint out of a machine, remove the bobbin case, if fitted with one that is easy to remove, and generally made of metal. Most Plastic bobbin case float in the machine, where metal bobbin cases ride the hook rail. Those are most commonly top drop in type bobbin machines. Front or Side underneath loading bobbin machines, you still wish to remove the bobbin case, and in most cases, you may remove the hook. That is the part a bobbin case snaps into, and usually held in place by two clips and a item called a "race cover". It is always important to dig out any lint that has built up in the bobbin case race area, where it rides the hook for top load machines, and where the hook rides in either front, or side load bobbin case systems.

My general tips just cover some very basic ideas, and by no means are intended to go into depth. One might wish to find a service manual, or refer to the owners manual. Course, perhaps newer models do not go into the depth of the older machines. Singer was pretty good about providing that information in its older series models, and that is speaking around 1950 – 1960's, and older.

Hope the general tip guides continue to provide some help.  
Regards,  
Terry