



HAYES SEWING MACHINE CO

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Machine Maintenance

Maintenance is what a customer does. Service is what we do. Repairs are what happen when you skip first step.

- Needle threaders are **NOT** under warranty. Threaders always work better when needle is in the high position. If your threader is not working you may need a new needle.
Size 70/10 and up needles are fine for needle threaders. Size 70 needle with fine thread, it will work.
Size 70 needle with heavy thread you will bend your wire.
Size 60 and 65 needles you will bend your wire on your needle threader. Never use threader on these fine needles
- Use the correct bobbin for your machine. Using the wrong bobbin can cause problems.
Bobbins can go bad. Ex: chip, or bend or wear out. Be sure bobbin is wound evenly.
- Pressure feet and needle plates: Be sure pressure foot is on correctly. Make sure needle plate has no burr.
- Needles change them often. Use the correct needle for the type of fabric and thread you are using.
Change your needle every project. Be sure the flat side of the needle is facing the correct way.
Make sure needle is pushed up all the way.
- Cleaning the bobbin case area, use a lint brush or soft cloth. When cleaning lint out of the machine, be aware many new machine have fuzzy parts that should stay in the machine !
Babylock owners, when taking the needle plate off for cleaning, the needle plate must be replaced first and the bobbin case next, then the gray plastic piece last.
Bernina owners, with a CB hook, after cleaning the fuzzy out of the machine, be sure the groove that the hook sits in has been well cleaned out. Bernina owners, with a rotary hook, oiling is critical to you, you have a high speed hook that requires every 2 to 4 hours of sewing.
- Threading : Most new sewing machines have a one way thread path. Be sure to cut the thread at the spool and pull out the direction of the arrows. Always be sure to thread the machine with the pressure foot up, to avoid loopy stitches, on the back of your fabric. Make sure the thread is not caught on an edge of the spool or under the thread cap. Check the thread is not too thick for the needle. Ex: No heavy jeans thread in a size 70 needle! Quality of thread does matter, better the thread, better the stitch.
To avoid a loopy thread at the beginning of your sewing, pull your beginning threads to the left or to the right—not out the back.
- Oil has a life. Old oil should be thrown out. Old machines do not need lubricant, just oil. NEVER oil the motor. A drop of oil is all you need is a designated spot. You can rarely over oil a machine, but too much oil will drip on your project—after oiling a machine, sew on scrap fabric first to get rid of excess oil.
Use sewing machine oil only.
WD-40 can be used for squeaks, or if the machine is sluggish. However, it is not oil. It evaporates, so be sure to re-oil.
- If material puckers while sewing. . Check— threading ... Thread too heavy for fabric.... Stitch too long for fabric.... Needle dull or wrong size...not enough pressure on foot Wrong foot ..

LASTLY: Bring your machine in for service regularly to keep it sewing well for you.