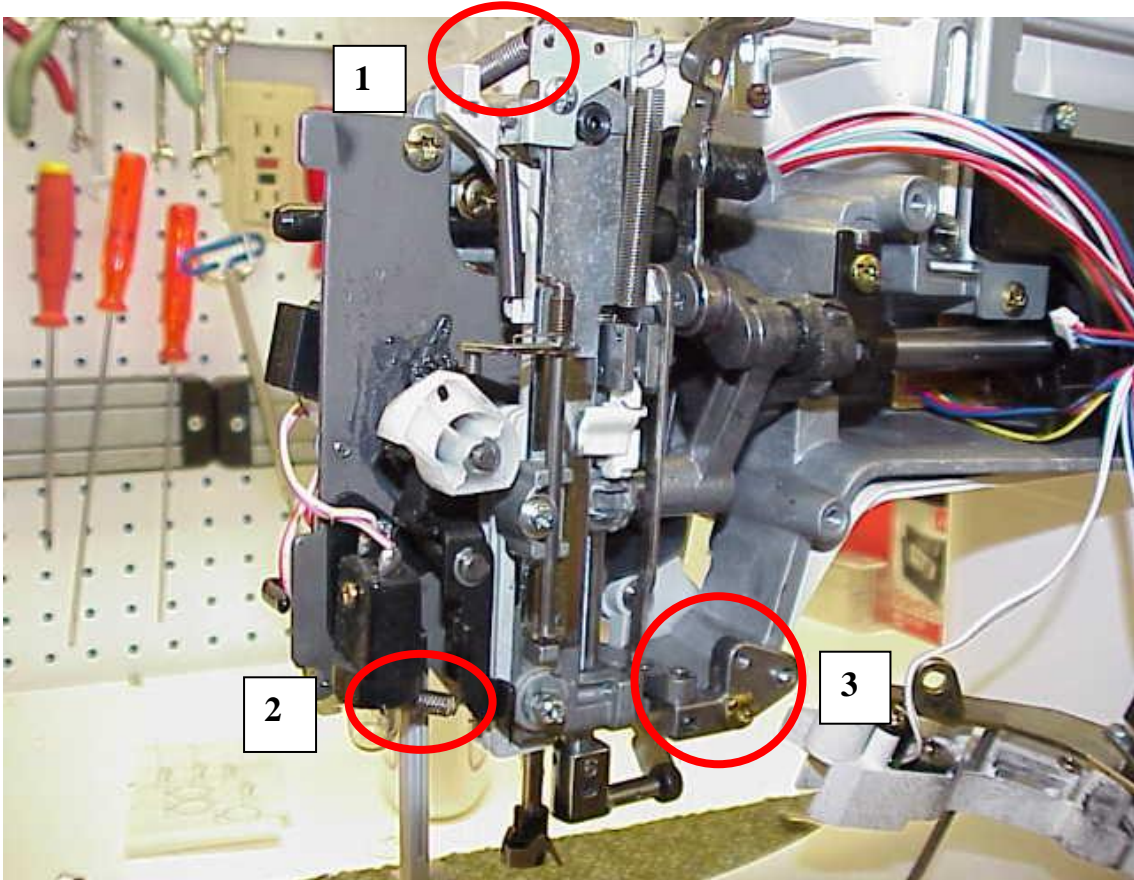


## ***ESE, ESE2, ESL, ESP, ESG, ESG2 AND ESG3 NEEDLE BAR REPLACEMENT***

Remove face plate, side cover, front cover and tension unit.

1. Unhook top spring form needle bar support.
2. Unhook spring by sew light from needle bar support.
3. Remove the connect screw on the lower part of the support area.



Turn hand wheel slightly and pull needle bar support out of machine. With the entire needle bar support in your hand loosen the two 2mm allen screws on the needle bar and the threader stopper. Use a screwdriver to push the old needle bar out of the support from the top, letting the screwdriver go all the way down into the support. Line the new needle bar up with the bottom of the screwdriver and push it up into the needle bar support. Install the needle bar support into the machine. Reset the needle bar height and the threader stopper position.

